DEVOTED TO THE ADVANCEMENT OF THE GUERNSEY

Guernsey Breeders' Journal

VOLUME 43 JUNE 15 NUMBER 12

WHO'S WHO

John S. Clark, manager of Caumsett Farm, Huntington, Long Island, New York, presents in this issue "Line Breeding of Guernseys for Twenty Years." Mr. Clark is well qualified to write on line breeding because of his many years of experience with Guernseys.

Albert I. Mann, assistant extension dairyman of Connecticut, gives the results of three years under the Connecticut Proved Sire Plan.

The Farmers Weekly has given to the Journal a report on the new thousand pound cow in South Africa. The Weekly is a Journal devoted to the interests of South African agriculture and is published every Wednesday at Bloemfontein. It contains many interesting articles and sidelights on agriculture in Africa.

WHAT'S COMING

The Guernsey Club Achievement Contest

At the annual conference of fieldmen held at the Central Office immediately following the annual meeting and sales, C. W. Robinson, representing the western section of the country, presented an achievement contest for local organizations. It was such an outstanding contest that we feel it more than worthy to appear in the Journal and be given to all of our readers. Mr. Robinson placed this contest into effect in April and already he is receiving good results.

Field Days

The next issue will contain reports from several field days in various sections of the country including the Nebraska State Field Day and the Eastern Shore of Maryland. The Eastern Shore of Maryland is a section by itself and contains many very good herds. Their field day is one of the big events of the year and we hope to have the report in the next issue.

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Karl B. Musser — Secretary-Treasurer, Editor
Lincoln R. Lounsbury — Journal Division, Managing Editor
C. M. Cummings — Advanced Register Division
W. A. Knowles — Accounting Division
Elsworth Bunce — Information and Service Division
E. L. Safford — Herd Register Division

Field Representatives

H. C. Bates, 1100 McLynn Avenue, N. E., Atlanta, Georgia
C. B. Finley, Room 203, Gorham Building, Minneapolis, Minnesota
R. L. Holden, 500 North Salisbury Street, West Lafayette, Indiana
C. W. Robinson, Room 300, Corbett Building, Portland, Oregon

Milk Marketing Representative

W. W. Fitzpatrick, Clemson College, South Carolina

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A NEW DEPARTMENT IN THE JOURNAL

By Karl B. Musser

THE Executive Committee of The American Guernsey Cattle Club, at a meeting held at the Commodore Hotel, New York City, on May 10, voted to publish in the Journal a list of all sires having ten or more dam-daughter pairs. This action was prompted by a desire to be of service to those interested in the use of some form of a Bull Index.

The fact that there is no unanimity of opinion on Bull Indexes precludes the publishing of other than the data available. The data published will include all the information on the dam-daughter comparisons and those wishing to make use of this can do so by such procedure as they wish. Conversion factors for age, as well as Index factors, are left to the choice of the breeders wishing to use the data.

For the present only sires having progeny registered within four years will be published. These will include either American bred or imported bulls. Following the completion of this list may come the publishing of the recently dead list and so on until all valuable data has been exhausted.

The Advanced Register Sire list will be the basis for this study and will be published in alphabetical order, except where breeders wish data on some sire in which they are interested. A breeder may write for the data on any sire having progeny registered during the past four years, with ten dam-daughter pairs. It will be furnished as soon as possible, but must also be published in the Journal. Breeders may secure a dam-daughter comparison on any other sire at the rate of fifty cents an hour for the assembling of such data. However, it is the desire of the Club to give as broad a service as is within its ability without expense to the breeder.

Only ten dam-daughter pairs will be given consideration at present, but breeders wishing data on eight or nine dam-daughter pairs may secure it at the per hour rate mentioned above. At present no data will be assembled for less than eight dam-daughter pairs.

The Club reserves the right to publish all data on any study of dam-daughter pairs. Beginning with this issue of the Journal two pages will be devoted to these comparisons.

We ask that all bear in mind that this new department is surrounded with restrictions that may and probably will be changed from time to time. Knowing so little of the actual costs, extent of research needed and the desire of the breeders for the data, it is difficult to make a definite plan. We expect to meet the usual willing cooperation of the breeders with an equal amount of helpful service.

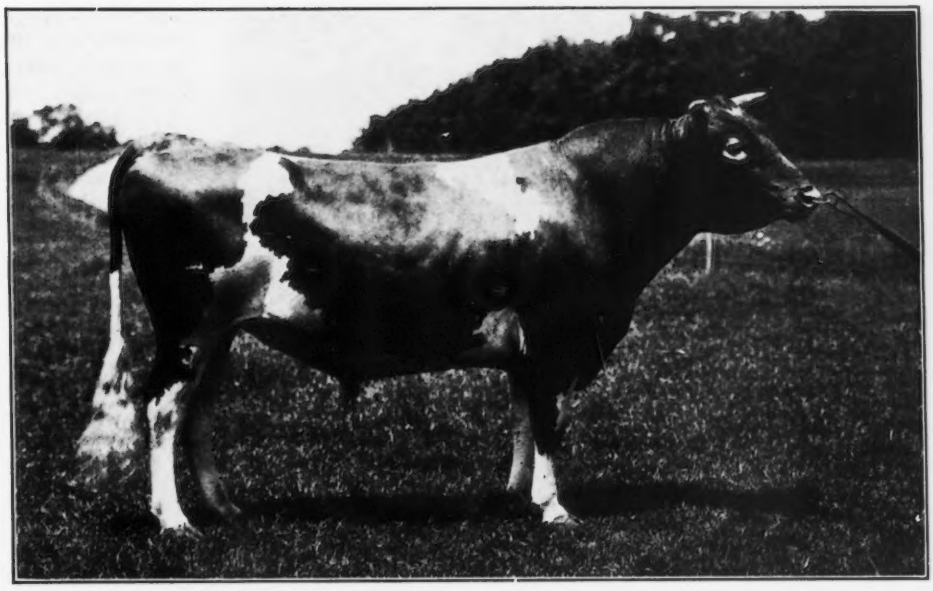
The data on new Advanced Register Sires will be temporarily discontinued to enable the presentation of more dam-daughter comparisons, but the names of the new Advanced Register Sires, together with the names of the breeder and owner, will be included in the Advanced Register news notes. For the present only regular Advanced Register records will be considered.

We will appreciate suggestions on this new department.

Line Breeding For Twenty Years

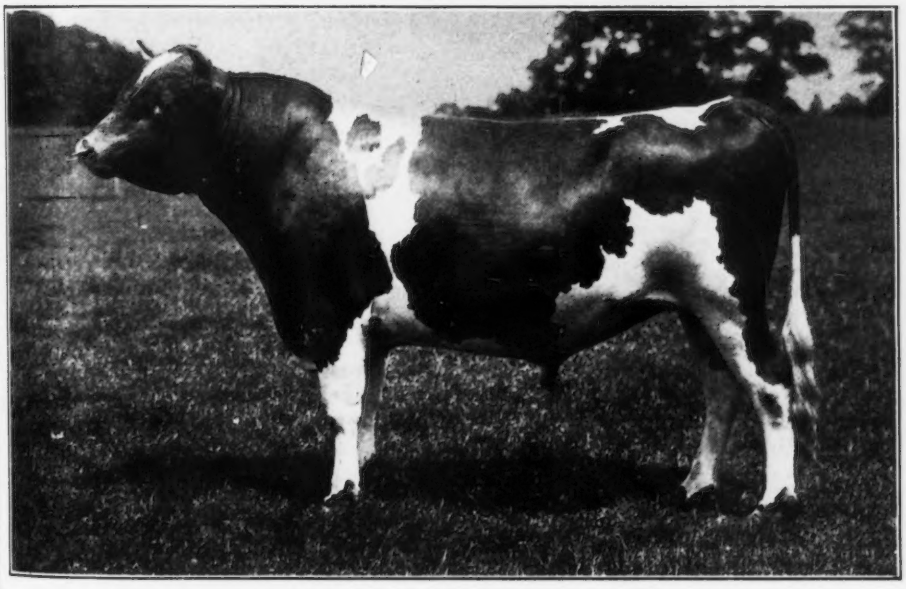
Experiences In Breeding Based On The Blood Of Two Great Cows—Imp. Itchen Daisy 3d 15630 And Imp. Hayes Rosie 15476

By JOHN S. CLARK



Imp. King of the May 9001, a son of Imp. Itchen Daisy 3d 15630

Imp. Yeoman 8618, a son of Imp. Hayes Rosie 15476



SOMETIMES the most casual event in a man's life causes the greatest change in his future. Quite frequently it may be the yes or no from a girl acquaintance, but about twenty years ago, in my case, it was an ordinary silver quarter. I think they are made of silver, at least, they used to be.

I was just graduating from an eastern university and had the good luck to have been offered two jobs. One job was as ordinary groom at Heart's Delight Farm in Northern New York where they bred some of the world's leading Belgian horses. The other job—we sometimes call it a position nowadays—was as a barnman at Mixter Farm, the home of the world's largest herd of Guernsey cattle.

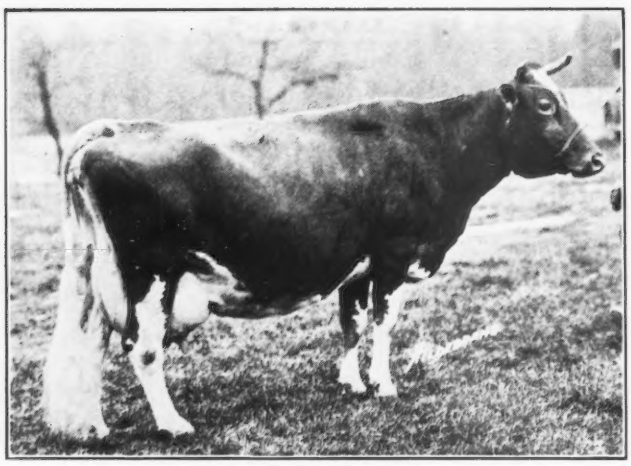
Neither job amounted to much in the way of money, but in each case the low salary—then it was wages—was more than offset by the exceptional opportunities for experience and advancement. Unable to decide which job—or situation, as the English put it—to take, I finally, in desperation, flipped a quarter, heads for Guernseys and tails for Belgians. Heads it came.

I immediately threw a party to celebrate. Then with my lucky quarter, and not much else, I started for Massachusetts and Guernsey cattle. After twenty years I am still breeding Guernseys and still have the lucky quarter. I really prefer Guernseys because they are economical producers, have superior colored and flavored products and the breeders are a splendid group of real men and women.

Visit to Langwater

ABOUT a year after going to Mixter Farm, I first visited Langwater Farm at North Easton. There I saw the first field of alfalfa I had seen in Massachusetts. The alfalfa was good. While at Langwater I was much impressed with the way Bill Hepburn and F. L. Ames both knew not only every animal in the herd but their breeding and production records. The two bulls, Imp. King of the May 9001 and Imp. Yeoman 8618, made a lasting picture in my mind.

These two bulls seemed to me to possess about everything one would want in a pair of stock bulls. Imp. King of the May 9001 was a son of Imp. Itchen Daisy 3d 15630, and Imp. Yeoman 8618, a twin with



Mixter Faithful 101637
12601.9 lbs. milk, 744.7 lbs. fat, Class FF
Grand champion cow at Sesqui-Centennial, 1926

Imp. Hayes Rosie 4th 16089, was a son of Imp. Hayes Rosie 15476. Imp. Itchen Daisy 3d 15630 was in great physical shape. Imp. Hayes Rosie 15476 was then dead but from her pictures one wonders if we have bred many better cows in the past twenty years.

The more I studied the Langwater animals the more I was impressed with the particular type being developed; clean cut heads with curved, refined horns, long thin necks, sharp thin shoulders, straight backs and level rumps, bodies not quite as deep as we like nowadays, but with well sprung ribs, good legs and long level udders. Not all the Langwater cows could be thus described, by any means, but they had more good cows than in any herd I had seen except perhaps the old Hood Farm Jersey herd where I once worked under the late John T. Carpenter, who, by the way, first got me into the cattle business. Mr. Carpenter's son, John, Jr., is well-known to Guernsey breeders as the right bower for Harry Strohmeyer, the noted photographer.

The more I saw at Langwater back in 1913, the more I planned some day to have animals combining the blood of Imp. Itchen Daisy 3d 15630 and Imp. Hayes Rosie 15476. It was rather odd that at that time these two cows made such an impression on a youngster barely out on his own.

Two years before, I had toured England and the Channel Islands studying livestock and general agriculture. I went across to England on a tramp ship feeding Herefords, pushed a second-hand bicycle on land and got a job of stoking on the return, some 9,000 miles for sixty dollars. It was a great trip and I suggest to some of you farmers that you let your sons do the same before they settle down on the farm with you. It will not hurt the boys a bit and they will "learn about life from the trip."

Imp. Hayes Rosie 15476
14633.1 lbs. milk, 714.3 lbs. fat, Class A
This cow won many premiums in the show ring in England

Each year I return to Langwater, now owned by John S. Ames, and capably handled by F. C. Shaw. The latter, by the way, together with Walter Kerr and Louis Merryman were all in school with me before we ever got into the cow business. Floyd Barlow, now the Guernsey majordomo of Ohio, was also there just ahead of us. F. C. Shaw is a son of H. N. Shaw, a Vermont farmer who put eight children through a university. (I'm having trouble raising three.)

It has been a great experience returning year after year to Langwater and to watch the results of careful line breeding and to see generation after generation of the splendid animals they create there at North Easton.

In 1915 I went to J. L. Hope's sale at Florham. Mr. Hope had been breeding Guernseys for years—in fact, he started before I was born—and sold Mr. Ames some of his greatest Guernseys. Mr. Hope's great bull, Ne Plus Ultra 15265, another son of Imp. Itchen Daisy 3d 15630, was just gaining fame through his outstanding daughters. A few of these were sold in the 1915 sale and they were certainly good ones.

I had missed Mr. Hope's 1907 sale but attended all the others and noticed each time the continued public appreciation of animals carrying the blood lines I was particularly interested in. The several Langwater sales, the Upland Farm sale, with the blood of Langwater Cavalier 21012, and the Mixter sale also proved the blood was good.

Imp. Itchen Daisy 3d 15630
13636.8 lbs. milk, 714.1 lbs. fat, Class B
Winner of Trophy given by Massachusetts Society for Promoting Agriculture, 1912

Successful Breeders

HIGH sales figures alone never benefit any breed of livestock but inherited type, production and reproduction spell the difference between constructive breeding accomplishment and failure. Luck certainly plays a large part in successful breeding, but hard work, eternal vigilance and common sense are far more important in obtaining the breeder's objective.

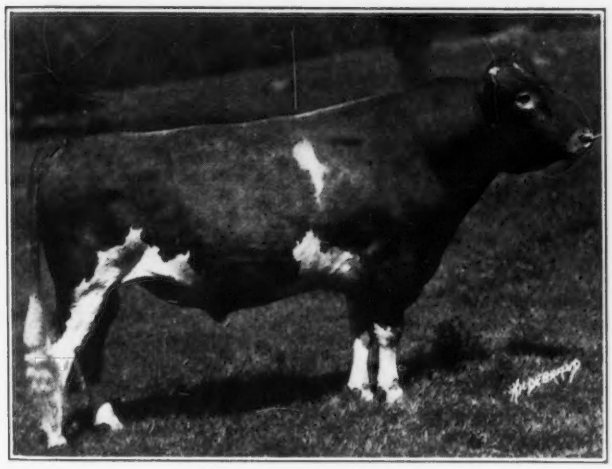
Dan Tenney's splendid herd built on the blood of Langwater Holliston 28055 has been doing great work for years.

S. M. Merrill's herd at Ipswich, Massachusetts, with Robert McKenzie in charge, has come on in great shape the past few years and his cows of similar blood lines are heavy pro-

ducers of excellent type.

The noted Gayoso herd at Horn Lake, Mississippi, came into national prominence through the use of the famous Langwater Actor 60162. This bull has proved a most prepotent sire and carries several crosses in his pedigree to both Imp. Hayes Rosie 15476 and Imp. Itchen Daisy 3d 15630. The Gayoso herd of over 300 head is under the skillful guidance of Dick Ulken, the bachelor mayor of Bull Frog Corners, Mississippi, together with Charlie Cartwright and A. L. Parker of the noted Gayoso Hotel Company of Memphis, Tennessee. These men are breeding a great lot of outstanding cattle that not only win at America's leading fairs but produce unusually well.

Arthur Galusha's great herd—and I mean just that—is located among the hills of Williamstown, Massachusetts. This herd is just another example of the blood lines I particularly admire and it has been built up by a good farmer and his two sons through careful breeding and hard work.



Mixter May Royal 65203
One of the best bulls ever bred at Mixter Farm

A. L. Gile, of canned salmon fame, hails from the land of big trees in the northwest. Mr. Gile has been a constructive breeder, founding his herd on the blood of Langwater Traveler 38325, a most prepotent sire.

Thurmond Chatham and George Watts Hill of North Carolina are leading breeders in the southeast and again their herd sires combine the blood of Imp. Hayes Rosie 15476 and Imp. Itchen Daisy 3d 15630.

About this time, the Oaks Farm, owned by the late C. W. Barron and under the genial and capable management of Walter Kerr, started to bring national notice to Cohasset, Massachusetts, by using several Langwater bulls, as well as the purchase of several more sires from the mammoth Anna Dean Farm of Ohio.

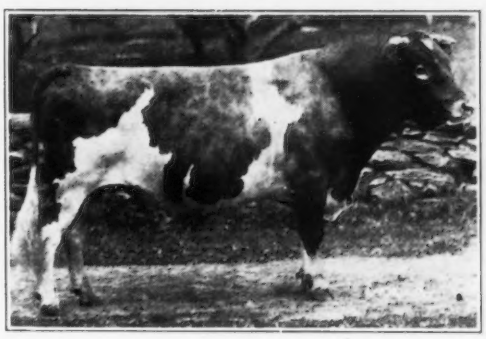
Mixter May Princess 124204
5 Advanced Register records average 13639.9 lbs. milk, 696.3 lbs. fat
Grand champion National, 1924, and Eastern States, 1924

The great Don-Alda Estate of Toronto, under the capable guidance of Dr. Jenkins, is doing great work among our northern neighbors. Dr. Jenkins is also famed, among other things, for his ability with hackneys, hogs, and Clydesdales.

In Rhode Island, George Clark, noted suspender manufacturer, (Karl Musser wears bright red ones) has a great herd founded on similar blood lines. Noah Knight, capable manager of the Aldrich herd, is well-known not only for his ability in shooting bear but for the quality of his show herd each season. Both of these men live near the famous Mr. Hartman who recently ate fifty-one soft boiled eggs at a single sitting and then went home for supper.

Even our California bull-fighting friend, Dave Brant, has a herd of 300 Guernseys headed by bulls of the same strain.

It is impossible to enumerate more than a fraction of the herds built on the blood of Imp. Itchen Daisy 3d 15630 or Imp. Hayes Rosie 15476.



Langwater College King 25837
One of the greatest Guernsey bulls owned at Mixter Farm

During the past twenty years I have collected a rather unique and perhaps valuable set of books. Each year I have had bound the Guernsey sale catalogs of that season. The information is in a very handy form and I have used these books even more than the Herd Registers.

It was about this time that I first met Leander Herrick of Worcester, Massachusetts, and my friendship with Mr. Herrick is one of the brightest lights in all my experience. I know of no one man who has done as much for marketing Guernsey cattle and whose common sense and sound judgment can always be relied upon.

First Sires at Mixter Farm

ALONG about 1912-13, Sumner Parker, a really constructive breeder and then manager of Mixter Farm, purchased two bulls that turned out to be of the first water: Langwater Demonstrator 16451, whose sire was out of a granddaughter of Imp. Hayes Rosie 15476 and was by a son of Imp. Itchen Daisy 3d 15630. "Demonstrator" has seventy-seven Advanced Register daughters that average 10393 pounds of milk and 560 pounds of butter fat, including twenty-nine daughters with over 600 pounds of butter fat. The other sire, Yeoman's King of the May 17053, was by Imp. Yeoman 8618, a son of Imp. Hayes Rosie 15476, and out of Florham Daisy 18115, a daughter of Imp. Itchen Daisy 3d 15630. Yeoman's King of the May 17053 has 111 Advanced Register daughters that average 11155 pounds of milk and 568 pounds of butter fat, of which forty dif-

(Please turn to page 413)

Connecticut Proved Sire Program

Five Guernsey Bulls Meet Standard Set by Governing Committe

By ALBERT I. MANN

FIVE Guernsey bulls are among the nineteen listed in the 1933 publication of Connecticut Proved Sires. According to the published report issued February 1, 1933, sufficient records have been obtained through the Connecticut Proved Sire Program to prove thirty-three bulls, and of these fourteen did not meet the requirements for publication. To be listed as a Proved Sire a Guernsey bull must have at least eight daughters, or six if all are from different dams, whose records average 350 pounds of butter fat and 7000 pounds of milk when converted to twice-a-day milking for 305 days at maturity.

In the Guernsey section, records are available on ten bulls, five meeting requirements and five being below the standard set by the Governing Committee.

Figures given below include the average for all daughters tested, the comparison of daughter and dam records when available, and an index where there are six or more daughter-dam comparisons. This figure indicates the level of transmitting ability of a bull so far as can be determined from available data. A bull probably should not be used on a herd with a higher converted average than the index figure given for the bull. The index is computed by adding to the daughter's average the difference between daughters and dams on both milk production and butter fat percentage when of an increase bull, and by subtracting the difference from the daughters' average in the case of a decrease bull.

The five Guernseys given the Proved Sire rating are listed herewith and all except the last named bull are still in service.

At the present time forty-eight owners are members of the Program with sixty bulls listed. There are twenty-two Guernseys owned on eighteen different farms.

The Proved Sire Program

THE purpose of the program is the proving of dairy sires and the consequent improvement of the dairy cattle of Connecticut by extending the use of worthy proved sires and limiting the use of poor sires.

The program is available to any Connecticut dairyman using a pure bred sire if he will agree to accept and govern his breeding operations by the provisions of the program. All owners agree to make available accurate records on all daughters of the bull to be proved together with those of the dams. Records may be computed from official tests or semi-official tests for cows, or from herd tests as submitted to the officer in charge of official testing at the Connecticut Agricultural College; from Dairy Herd Improvement Association tests; or from special tests.

Uniform conversion factors adopted by the New England Colleges, and now being used in the Connecticut Program, are as follows:

Age	Factor
Under 2 yrs.	1.40
2—2½ yrs	1.35
2½—3 yrs	1.25
3—3½ yrs.	1.20
3½—4 yrs.	1.15
4—5 yrs.	1.10
5—6 yrs.	1.05
6 yrs. and over	1.00

Connecticut Proved Guernsey Sires

Imp. Valentine's Honorable Sequel 51895 — Born October 21, 1917

Owned by R. and H. Scoville, Taconic, Connecticut

20 daughters average	11,110.5 lbs. milk	4.58%	509.4 lbs. fat
15 daughters average	11,715.3 lbs. milk	4.53%	531.0 lbs. fat
15 dams average difference	11,079.2 lbs. milk	4.36%	483.2 lbs. fat
difference	+636.1 lbs. milk	+.17%	+47.8 lbs. fat

Index 12,351.4 lbs. milk 4.70%

Grassland Polly's Valentine 98473 — Born April 9, 1924

Owned by R. and H. Scoville, Taconic, Connecticut

12 daughters average	10,773.8 lbs. milk	4.32%	465.7 lbs. fat
12 dams average	8,890.9 lbs. milk	4.21%	374.0 lbs. fat
difference	+1,882.9 lbs. milk	+.11%	+91.7 lbs. fat

Index 12,656.7 lbs. milk 4.43%

Blue Blood of Old Farms, Avon 95494 — Born August 15, 1923

Owned by Harold Strickland, Rockfall, Connecticut

7 daughters average	8,658.2 lbs. milk	5.36%	463.9 lbs. fat
5 daughters average	9,680.4 lbs. milk	5.18%	501.3 lbs. fat
5 dams average	10,385.2 lbs. milk	5.15%	534.5 lbs. fat
difference	-704.8 lbs. milk	+.03%	-33.2 lbs. fat

Saul of Old Farms, Avon 128263 — Born August 17, 1925

Owned by Mrs. J. W. Riddle, Farmington, Connecticut

10 daughters average	7,585.3 lbs. milk	5.52%	418.5 lbs. fat
6 daughters average	8,185.8 lbs. milk	5.46%	447.1 lbs. fat
6 dams average	9,678.6 lbs. milk	5.30%	512.8 lbs. fat
difference	-1,492.8 lbs. milk	+.16%	-65.7 lbs. fat

Index 6,693.0 lbs. milk 5.62%

****Imp. Golden Sovereign of Hilltop 88754*** — Born April 1, 1922

Owned by Beisiegel Brothers, Woodbridge, Connecticut

14 daughters average	8,898.2 lbs. milk	4.27%	379.7 lbs. fat
4 daughters average	10,128.8 lbs. milk	4.11%	415.9 lbs. fat
4 dams average	8,048.3 lbs. milk	3.53%	283.9 lbs. fat
difference	+2,080.5 lbs. milk	+.58%	+132.0 lbs. fat

(*Bull not living)

Waukesha County Dairy and Agricultural Show

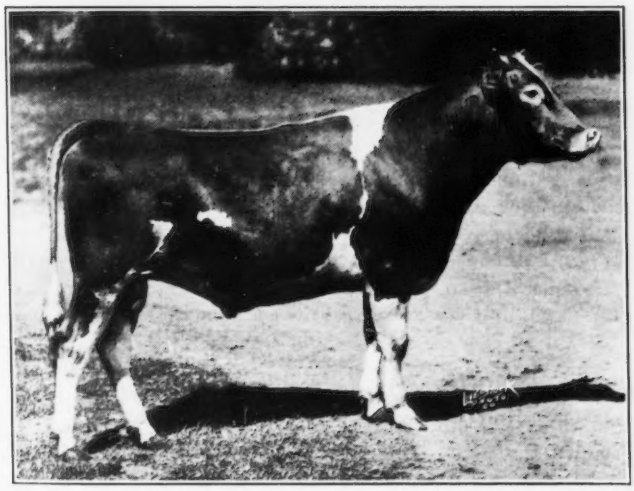
Seventy-seven Head of Guernseys Exhibited at Fifteenth Annual Event

By M. E. Claffey

THE fifteenth annual Waukesha County Dairy and Agricultural Show was held at Waukesha, Wisconsin, on March 14 to 17 and again brought out an exceptionally fine showing of agricultural products and specimens of the five dairy breeds of cattle. The exhibit of Guernseys this year again exceeded other breeds in numbers and quality, there being seventy-seven head shown.

The annual winter meeting of the Waukesha County Guernsey Breeders Association was held on March 16, which was Guernsey Day at the show, and approximately 150 Guernsey breeders and their families were present.

The senior and grand champion cow of the show was Willalvin's Staraletta 228024, owned by William H. Basse, Milwaukee. This grand old matron was also grand champion cow of the 1930 and 1931 shows The senior and grand champion bull was the undefeated Boulder Bridge Traveler 187213, owned by J. R. Love and Son, Waukesha. Junior champion female honors went to Ellen's Fannie of Hillspring 355428, owned by J. Meider and Sons, Hartland, and the junior champion male honors went to Prince Bell Buoy 201367, owned by George McKerrow and Sons Company, Pewaukee.



Boulder Bridge Traveler 187213, senior and grand champion bull, owned by J. R. Love and Son, Waukesha

The exhibitors included: William H. Basse, Milwaukee; Lee Burlingham, Dousman; M. E. Claffey, Waukesha; F. E. Fox, Waukesha; George Koebler, Waukesha; J. R. Love and Son, Waukesha; George McKerrow and Sons Company, Pewaukee; Isabel McKerrow, Pewaukee; Ewald G. Meider, Hartland; J. Meider and Sons, Hartland; Charles J. Mitchell, Waukesha, and Wern Farms, Waukesha.

Following is the list of awards:

Bull, 3 Years and Over

1, Model King of Amor 174710, J. R. Love and Son; 2, Triumph's Itchen May King 90946, Charles J. Mitchell; 3, Meadowood Natoma's Cherub 103485, William H. Basse; 4, Helendale Encore 138666, F. E. Fox.

Bull, 2 Years and Under 3

1, Boulder Bridge Traveler 187213, J. R. Love and Son; 2, Owendale's Nobleman 182713, George Koebler; 3, Cherub's Kingly Son 187979, Lee Burlingham.

Bull, 1 Year and Under 2

1, Entry, George McKerrow and Sons Company; 2, Boulder Bridge Barrister 198843, F. E. Fox; 3, Boulder Bridge Gladiator 198841, Charles J. Mitchell; 4, Wern's Proud King 199337, Wern Farms; 5, Arcadian Harvester 206207, J. Meider and Sons; 6, Guernsey Grove Dandy 197774, William H. Basse.

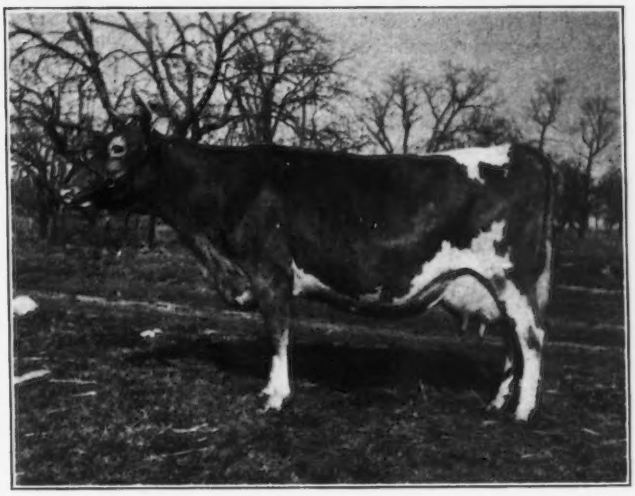
Bull Calf, 4 Months and Under 12

1, Prince Bell Buoy 201367, George McKerrow and Sons Company; 2, Fox's School Aviator 202631, F. E. Fox; 3, Guernsey Grove Jerry 202566, William H. Basse; 4, Czar of Amor 202526, J. R. Love and Son; 5, Arcadian Index 206739, M. E. Claffey.

Cow, 5 Years and Over

1, Willalvin's Staraletta 228024, William H. Basse; 2, Cinnamon's Clara of Seneca Corners 223956, Lee Burlingham; 3, Bitter Sweet of Giant Spring Farm 235277, F. E. Fox; 4, Tillybardin King's Arabella 259233, Charles J. Mitchell; 5, Wern's Karine Rilma 232358, J. R. Love and Son; 6, Governor's Faustina of Hawthorn 206276, J. R. Love and Son.

Willalvin's Staraletta 228024, senior and grand champion female, owned by William H. Basse, Milwaukee



Cow, 4 Years and Under 5

1, Prelate's Mignot 340286, Lee Burlingham; 2, Guernsey Grove Beauty 328856, William H. Basse; 3, Sterling Gold Bud 277367, George McKerrow and Sons Company; 4, Vanity's Pride of Farview 262833, F. E. Fox; 5, Arcadian Eloise 273108, M. E. Claffey.

Cow, 3 Years and Under 4

1, Alvin's Tops of Gold 297944, F. E. Fox; 2, Guernsey Grove Peggy 291692, William H. Basse; 3, Tillybardin Duke's Agnes 296179, Charles J. Mitchell; 4, McKerrow's Golden Lily 311669, George McKerrow and Sons Company.

Cow, 2 Years and Under 3

1, Sterling's Charlotte 324831, George McKerrow and Sons

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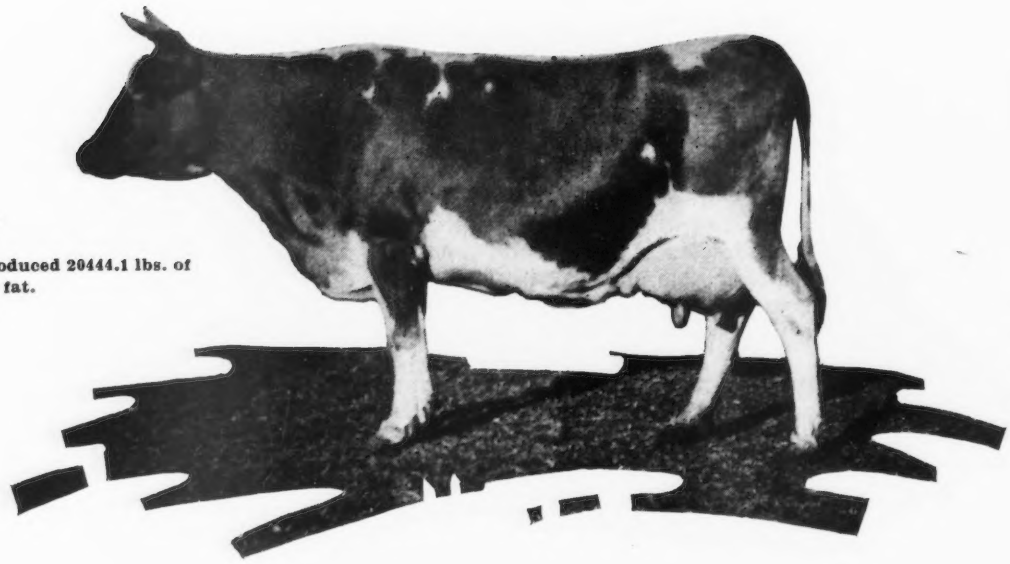

Peggy de Les Poidevins, that produced 20444.1 lbs. of milk and 1042.154 lbs. of butter fat.

South Africa Produces A 20,000 Pound Guernsey

J. H. van Aarde, Owner of Record Cow

By THE FARMER'S WEEKLY, A South African Journal

A GREAT milk and butter fat record, the more noteworthy because of the difficult conditions—climatic and otherwise—under which it was made, has just been established by Peggy de Les Poidevins, a Guernsey cow owned by J. H. van Aarde of "Delectus," Bains Vlei, near Bloemfontein, South Africa. "Peggy" completed her 365 day record on March 19 and her output of 20444.1 pounds of milk and 1042.154 pounds of butter fat puts her sixth and seventh on the list of the highest records for milk and butter fat respectively made by her breed in the whole world.

Features of this record are that "Peggy" was never housed, the only shelter available, which she utilized summer and winter merely at milking times when she was fed, consisting of a corrugated iron shed. She was milked only three times a day. Peggy's remarkably consistent yields, which though never phenomenally high, remained at a consistently high level throughout the test; and finally, this cow's wonderful recuperative capacity following a number of setbacks during her test. These are all indications of a great cow and a great milker, and it is to be hoped that when "Peggy" makes her next record, some of these adverse factors will be eliminated to enable her to reach an even higher rung in the ladder of fame.

Daughter of Unrecorded Dam

"PEGGY" is Island born, but out of an unrecorded dam, and she was imported as a heifer in November, 1928. As a two year old she produced 7027 pounds of milk and 383 pounds of butter fat in 300 days, and as a three year old she produced 12939 pounds of milk and 685 pounds of butter fat in 365 days. After this latter splendid performance, she proved difficult to dry, and the whole of her concentrate ration had to be withheld before she stopped milking.

She calved again in March, 1932, only five days before the milking trials of the Central Show, and despite a still hard bag, she was led into Bloemfontein, a distance of twelve miles by road. "Peggy" won the open milking trials and the breed championship, and although the twenty-four mile journey to the show and back made her slightly feverish, she made a good start in her lactation by giving ninety-eight pounds of butter fat in the first month and up to sixty-eight pounds of milk per day.

Fed According to Output

DURING the first six months of her lactation, Peggy's concentrate mixture consisted of thirty-six pounds mealiemeal, twenty pounds coconut cake, twenty pounds maize oil cake and fourteen pounds decorticated monkeynut cake.

She was fed strictly according to output, namely, one pound of concentrates for every three and one-half pounds of milk she produced. At the end of six months she showed signs of not relishing her meal, and the mixture was changed as follows: Thirty-six pounds mealiemeal, twenty pounds maize oil cake, fourteen pounds bran, fourteen pounds crushed oats, fourteen pounds coconut cake, and fourteen pounds monkeynut cake, the previous rate of feeding being retained. To each

concentrate mixture five per cent of bone meal was added.

As far as roughages were concerned, "Peggy" received thirty pounds maize silage and a small amount of lucerne hay during the winter months and about sixty pounds green lucerne a day when the crop became available in the summer.

Twice during her lactation the milk recorder's visit coincided with spells of cold, stormy weather, and her tests were below normal. Her health was good, but she suffered from bloat badly on two occasions, and also had an attack of indigestion. These misfortunes, followed by the necessary dieting afterwards, reduced her yield, but her recoveries were wonderful, and at the end of her long lactation she was giving almost five gallons of milk a day.

The Record in Detail

PEGGY'S monthly outputs were as follows: First month, 1910.4 pounds of milk and 98.614 pounds of butter fat; second month, 1789.9 pounds of milk and 76.462 pounds of butter fat; third month, 1702.6 pounds of milk and 91.07 pounds of butter fat; fourth month, 1703.9 pounds of milk and 93.617 pounds of butter fat; fifth month, 1712.4 pounds of milk and 94.32 pounds of butter fat; sixth month, 1782.1 pounds of milk and 98.389 pounds of butter fat; seventh month, 1748.1 pounds of milk and 83.728 pounds of butter fat; eighth month, 1708.8 pounds of milk and 92.181 pounds of butter fat; ninth month, 1598.9 pounds of milk and 75.026 pounds of butter fat; tenth month, 1552.5 pounds of milk and 73.992 pounds of butter fat (total for 300 days, 17209.6 pounds of milk and 877.399 pounds of butter fat); eleventh month, 1520.9 pounds of milk and 79.196 pounds of butter fat; twelfth month, plus five days, 1713.6 pounds of milk and 85.559 pounds of butter fat; total for 365 days, 20444.1 pounds of milk and 1042.154 pounds of butter fat.

An idea of Peggy's performance may be gauged from the fact that the world's record for the breed is held by Anesthesia Faith of Hill Stead 114354, an American Guernsey, whose butter fat output was 1112.5 pounds in 365 days, or only seventy pounds more than that of "Peggy."

A Poor Man's Cow

THE crowning glory of her record is that contrary to what is often alleged of record-breakers—and "Peggy," as far as is known, has created a world record for her breed for cows milked only three times a day—she is "a poor man's cow," and in making her wonderful record her owner calculates that she has earned for him 122 pounds and six shillings over feed costs. Mr. van Aarde, who has built up a retail milk trade in Bloemfontein, arrives at these results as follows: 20,000 pounds at one shilling, six pence a gallon, 150 pounds; less feed costs: 5,700 pounds concentrates at six shillings, six pence per 100 pounds, eighteen pounds, ten shillings; 5,400 pounds lucerne at three shillings per 100 pounds, eight pounds, four

Mr. and Mrs. H. Johan van Aarde, owners of "Peggy"

shillings; 250 pounds bone meal at eight shillings per 100 pounds, one pound; total, twenty-seven pounds, fourteen shillings. Profit over feed costs 122 pounds, six shillings.

It is of interest to note that if Peggy's output had been sold at factory prices, that is, milk at five pence a gallon and butter fat at ten pence per pound, a return of forty-two pounds would have been obtained, leaving a profit of twenty-seven pounds, fourteen shillings over feed costs. But, as Mr. van Aarde points out, under these circumstances, feed costs would have been lower since the test would presumably have been carried out on a farm where all roughages and part at least of the concentrates would have been produced by the owner himself.

The Pull of "Golden Guernsey"

BUT "Peggy" is only a high light in the progress that, thanks chiefly to the enterprise and enthusiasm of E. Kelley-Patterson, her breed is making in South Africa. In this, it must be frankly admitted, the task is simplified, for rich Golden Guernsey milk—the only milk to return a perfect score in America—literally sells itself everywhere, a fact which South African breeders are today taking as full advantage of as their brother Guernsey men of America and England. That well-known breeder, Louis C. Southey, for instance, has started a milk supply business in Steynsburg, and it seems doubtful that he can fail to secure all the patronage that his herd can cope with, for he invites his customers to visit his farm at any time without giving him notice. And who is there who can resist Guernsey milk when it is produced under hygienic conditions?

Golden Guernsey is also taking on in Durban and South West Africa and there is little doubt that once the public try it and find out its worth, it cannot help selling at a premium.

The Right Foundations

BUT the great thing is that the right foundations have been laid for the breed's future. There are today herds in every province of the Union, as well as in Rhodesia and South West Africa. And these herds contain the right stock and, what is important, cows of the right milking capacity. Thousand gallon yields are becoming quite common, as is shown by the records being put up in many herds. Despite the drought, for instance, Mr. Kelley-Patterson's Lady Belle of Greenhills, an eight year old, had over 8000 pounds of milk and nearly 400 pounds of butter fat to her credit after completing the eighth month of her lactation recently. A two year old, Spring Beauty's Angulosa, of the same herd, had a score of nearly 5000 pounds of milk and 200 pounds of butter fat, after being in milk for only four months, while a three year old, Dairyman's Polienta,

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Blanche's Tip of Meadow View, herd sire at the van Aarde Farm

Guernsey Activities In England

A Resume of 1932 Sales; The Bull Index

By E. Walford-Lloyd

Now that we are well into the sale season for 1933 and show time is approaching, it may be of interest to Guernsey breeders in the States to read of the totals realized at British sales in 1932 as included in this brief resume.

Admittedly a bad year as regards prices for all breeds of pedigree livestock, a perusal of these figures will show how well the Guernsey breed stood up to the depression, and they prove the wonderful popularity of the Guernsey as a dairy cow. Prices were not outstanding, but a very level trade was experienced throughout the long sale season. The figures given below speak for themselves.

English Guernsey Sales Held In 1932

Name of Sale	Number of Head	Total lb.	Total s.	Total d.	Average lb.	Average s.	Average d.
Messrs. Thimbleby and Shoreland Collective Sale, January 20	40	1,178	2	0	29	8	6
Messrs. John Thornton and Company Collective Sale, February 3	34	1,259	9	6	37	0	11
Collective Sale, March 2	33	1,017	8	6	30	16	7
English Guernsey Cattle Society's Spring Sale, March 23	50	1,849	11	6	36	17	10
A. G. Bowker Dispersal Sale, April 1	16	287	3	6	17	19	0
Messrs. Dibben and Willcocks Dispersal Sale, April 1	48	1,380	15	0	28	15	4
Captain Conyers Lang Dispersal Sale, April 7	25	1,003	16	0	40	3	0
Lord Poltimore Dispersal Sale, April 26	33	1,885	16	0	57	3	0
Collective Sale, May 4	55	1,759	5	6	31	19	4
Collective Sale, May 18	43	1,248	19	6	29	0	11
English Guernsey Cattle Society's Summer Sale, June 8	77	2,417	12	6	31	7	11
W. A. Argent Dispersal Sale, June 28	42	1,578	3	0	37	11	6
Collective Sale, July 13	60	2,123	2	0	35	7	8
Collective Sale, August 24	86	2,571	19	6	29	18	1
W. R. Arbuthnot Dispersal Sale, August 31	99	2,336	5	6	23	12	0
W. L. Lysley Dispersal Sale, September 6	19	423	13	6	22	6	0
Messrs. Thimbleby and Shoreland Collective Sale, September 7	41	1,305	13	6	31	16	11
A. F. Fletcher Dispersal Sale, September 15	26	815	17	0	31	7	7
A. Austin's Dispersal Sale, September 17	16	427	17	6	26	14	10
H. C. C. Batten's Dispersal, September 20	30	1,643	5	0	54	15	6
G. W. Harris Sale, September 28	38	1,993	18	4	47	4	2
Sir Ernest Debenham, Bart., Dispersal Sale, September 30	82	2,721	1	6	33	3	8
English Guernsey Society's Autumn Sale, October 12	119	4,785	18	0	40	4	4
Jesse Skinner's Dispersal, October 26	37	781	14	6	21	2	7
Dispersal of the late Lord Fitzwalter's Herd, December 15	86	5,841	3	0	67	18	5
English Guernsey Cattle Society's Winter Sale	51	1,702	11	6	33	5	9

Summary: 1,286 head sold for a total of 46,340 pounds, 3 shillings, 4 pence, or an vaerage of 36 pounds, 8 pence.

The Bull Index

The Society, always keenly anxious to further the well-being of its members, is now interested in the Proved Bull scheme and they are planning a Bull Index in which will be recorded the value of sires as producers of heavy yielding cows.

The following letter has been sent out to all members of the Society: "This index will show the probable potential rating of bulls as the getters of good milk and butter fat offspring, and should make the selection of young bulls and heifers for purchase far more reliable than at present. At the present time, all that a prospective purchaser has to go on is the dam's milk record, the sire's dam's milk record, and so on back through the pedigree. The missing link in each case is the bull's own record as a breeder of milk producing stock.

"It is this missing link which the Index is designed to supply. With a large and scattered breed, such as the Guernsey, the inauguration of such a system is attended with an immense amount of difficulty and research. The initial start would be enormously simplified if you would be kind enough to reply to the following questions: (1) Have you a bull in your herd which has sired four, or more, daughters whose lactation yields are available? (2) Whose dams' yields are available or procurable?"

A form was enclosed with this letter, asking for the name and Herd Book number of the bull, his sire, dam and date of birth with the names and the ages of his daughters, age at calving, milk yields and butter fat percentages and the names of the daughters' dams with similar particulars. No returns are required unless at least four dam-daughter pairs are available.

This Index scheme is a step in the right direction and again goes to prove that the Council is "alive" to up-to-date ideas.

Sixty Gaylord Guernseys Averaged 885 Pounds Of Milk In A Month

Breeders Enjoy Annual Summer Field Day At Oklahoma City

THE annual summer field day of the Oklahoma Guernsey Breeders Association was held on Saturday, May 6, at the Gaylord Guernsey Farm, Oklahoma City. A nicer day, better setting or more interesting herd for the breeders to visit would be hard to find. The herd was open for inspection throughout the entire day.

Not only were E. K. Gaylord, the owner, T. H. Hayton, the manager, and J. C. Smith, the herdsman, ready and glad to show the guests about, but Mr. Gaylord had also prepared a list of the Advanced Register cows, as well as a herd list, giving the names, date of birth, and the sire and dam of 141 head. This list was keyed with numbers corresponding with numbers placed on the animals for the day.

The Judging Contest

THE morning program consisted of a judging contest, which was in charge of Professor John W. Boehr, extension dairy specialist for the Oklahoma A. and M. College. The contestants were divided into two groups: One consisting of about twenty-five 4-H club boys, and the other of about forty-five adults. The farm was able to provide three very satisfactory classes, as the accompanying picture of the group of aged cows indicates. This group was typical of the more than forty Advanced Register cows which Mr. Gaylord had listed in his program, headed up by Imp. Lubin's Sunbeam 241583, the daughter of Imp. Bickleigh Noble III. 135932 that Mr. Gaylord purchased from F. K. Babson in the 1930 National Sale.

In the short period since that sale this cow has added three daughters and a granddaughter to the Gaylord herd. "Lubin's Sunbeam" is now milking over sixty-six pounds a day on test; in fact, all four of the cows in this class are now on test. Peggy Dimple of Egypt Mills 173817, that placed third, will finish her record on September 1.

Mr. Gaylord provided very attractive ribbons for the winners in each division of the contest and the Oklahoma Guernsey Breeders Association provided individual cash prizes.

Following were the winners: Junior contest, 1, Stanley Crosby, Ardmore; 2, John Marshall, Oklahoma City; 3, James Pace, Ardmore; 4, Bob Stufflebean, Ardmore; 5, Jimmie Watt, Oklahoma City; 6, George Allen, Wellston. Junior contest teams, 1, Carter County; 2, Oklahoma County; 3, Lincoln County.

In the adult contest, first and second and fourth and fifth places were tied, which were broken by the use of the placing in the aged cow class, so that the final awards were as follows: 1, C. B. Hodges, Oklahoma City; 2, O. L. Putnam, Ardmore; 3, C. E. Neugent, Anadarka; 4, Henry J. Wulff, Oklahoma City; 5, Dan Diehl, Stillwater.

Lunch and Program

FOLLOWING the judging contest a most bountiful lunch was served in the big tent which had been pitched on the lawn near the barns. As befitted the occasion the lunch included Golden Guernsey milk under the National Label produced by this herd, and Guernsey ice cream from the Tom Cooper Farm, Ardmore.

When Tom Cooper, the president of the association, called the meeting to order after lunch, fully 200 breeders were present. The first procedure was to introduce the guests, which brought out the fact that the industry was well represented from every part of the state. This was followed by a very sincere welcome by Mr. Gaylord. R. L. Holden, field representative of The American Guernsey Cattle Club, spoke briefly relative to the condition of the industry, the increase in the sales of Golden Guernsey milk and some of the reasons therefor, and related some of the advantages of Advanced Register testing. Among other interesting figures not generally realized by breeders are the following: According to the United States Census, during the ten year period ending in 1930, the pure bred Guernsey industry in

(*Please turn to page 414*)

CLASS OF AGED COWS

Left to right:

Imp. Lubin's Sunbeam 241583
Sire: Imp. Bickleigh Noble III. 135932
Dam: Viola II. of the Lubin R. A. A. S. 2772 P. S.

Connie of Appanoose 293396
Sire: Cherub's Freeman of Appanoose 147729
Dam: Wonderful's Confidante of Appanoose 185402

Peggy Dimple of Egypt Mills 173817
Sire: Junior of Egypt Mills 104244
Dam: Sunbursts's Rosie of Egypt Mills 123626

Marydale Roxine 152771
Sire: Marie's Cherub of the Prairie 48138
Dam: Marydale Roxy 119821

Editorial Comment . . . .

A Warning A warning comes from the Milkman's Service, Inc., LaFayette, Indiana, to be on the lookout for a salesman representing himself as connected with the Milkman's Service. H. R. Long says that the history of the case is as follows: Operations in Southern Indiana, Ohio and Pennsylvania, with heavy extensive activities in Pennsylvania recently. The following names are given by the "salesman," William H. Bondy, Simpson, F. or Francis Thomas. Descriptions are all more or less the same, as man of small build, dark hair and small mustache. In some cases he was accompanied by another man who stayed in the car.

The car is variously described as small coupe or Dodge coupe. Early descriptions mentioned Michigan license, 1932. Later descriptions mention Ohio license, with one person reporting the number to be 350-435.

"Francis Thomas" purchased a Dodge coupe in Lansing, Michigan, earlier in the year and stated he was employed by the Milkman's Service as a salesman. The company making the sale later communicated with the Milkman's Service in trying to collect monthly payment. They are now looking for him. "William H. Bondy" gives his address as 89 Arlington Street, Niles, Ohio. Such a person could not be reached by long distance. It is the belief that these names cover the same person.

SALES AND MEETINGS

June 15. Field Day, Kansas Guernsey Breeders Association, farm of George Schuetz, Mercier, Kansas, one p. m.

June 25-26. Washington State Picnic, Chicona Farm, Chinook, Washington.

June 29. Annual Meeting of the Central Pennsylvania Guernsey Breeders Association at the farm of Alva Long, located on Blue Knob, Blair County, eleven miles southwest of Hollidaysburg, Blair County, and eight miles southeast of Portage, Cambria, County. Morning session will convene at ten a.m.

July 16. Idaho State Picnic, Thousand Springs Farm, Wendell, Idaho.

July 24. South Central Idaho Tour. Itinerary in charge of A. L. Parker, Burley, Idaho.

July 25. Ada County Picnic, Meridian, Idaho.

Aug. 26. Connecticut Guernsey Breeders Association Sale of ten bulls and twenty females, Durham, Connecticut. Harold Strickland, Rockfall, Connecticut, chairman of the sale committee.

Oct. 6. Entire Dispersal of Osceola Farms Guernseys, Cranford, New Jersey.

May 26, 1934. Foremost Guernsey Sale at Emmadine Farm, Hopewell Junction, New York.

FAIRS AND EXPOSITIONS

Aug. 12-19. Missouri State Fair, Sedalia, Missouri. Guernseys will be judged on August 16.

Aug. 14-19. Ionia Free Fair, Ionia, Michigan.

Aug. 15-19. Mississippi Valley Fair and Exposition, Davenport, Iowa. Guernseys will be judged on August 16 by Floyd Johnston, Ames, Iowa.

Aug. 19-26. Illinois State Fair, Springfield, Illinois. Guernseys will be judged on August 23 by J. P. Eves, Chicago, Illinois.

Aug. 22-26. Genessee County Fair, Batavia, New York.

Aug. 23-Sept. 1. Iowa State Fair, Des Moines, Iowa. Guernseys will be judged on August 30 and 31 by J. P. Eves, Chicago, Illinois

Aug. 27-Sept. 1. Wisconsin State Fair, Milwaukee, Wisconsin. Professor G. C. Humphrey, Madison, Wisconsin, will judge Guernseys on August 31.

Aug. 28-Sept. 2. Ohio State Fair, Columbus, Ohio. Guernseys will be judged on August 30.

Sept. 2-8. Indiana State Fair, Indianapolis, Indiana. Guernseys will be judged on September 6 by Diedrich Ulken, Horn Lake, Mississippi.

Sept. 2-9. New York State Fair, Syracuse. Guernseys will be judged on September 6 and 7 by Richard G. Harwood, Southboro, Massachusetts.

Sept. 2-9. Minnesota State Fair, St. Paul, Minnesota. Guernseys will be judged by C. S. Rhode, Urbana, Illinois.

Sept. 2-9. California State Fair, Sacramento, California. Guernseys will be judged on September 6 by H. H. Kildee, Ames, Iowa.

Sept. 3-9. West Virginia Exposition and State Fair, Wheeling, West Virginia.

Sept. 4-7. Tri-State Fair, Aberdeen, South Dakota. Guernseys will be judged on September 4.

Sept. 4-9. Mid-South Fair, Memphis, Tennessee. Guernseys will be judged on September 6.

Sept. 4-9. Rochester Exposition, Rochester, New York. Guernseys will be judged by Professor W. T. Crandall, Ithaca, New York, on September 6 and 7 at nine-thirty a. m.

Sept. 4-9. Nebraska State Fair, Lincoln, Nebraska.

Sept. 9. New Jersey Guernsey Breeders Association, Inc., Guernsey Show, Artillery Armory, Princeton University, Princeton, New Jersey.

Sept. 11-15. South Dakota State Fair, Huron, South Dakota.

Sept. 16-23. Tulsa State Fair, Tulsa, Oklahoma. Guernseys will be judged by J. W. Ridgeway, Fort Worth, Texas, on September 20.

Sept. 17-23. Eastern States Exposition, Springfield, Massachusetts. Guernseys will be judged by W. K. Hepburn, Shrewsbury, Massachusetts, on September 19 at one p. m., continuing on September 20 at nine a. m.

Sept. 19-23. Clay County Fair, Spencer, Iowa. Axel Hansen, Minneapolis, Minnesota, will judge Guernseys on September 20.

Sept. 19-23. The Great Allentown Fair, Allentown, Pennsylvania. Guernseys will be judged on September 19 and 20.

Sept. 23-30. Oklahoma State Fair and Exposition, Oklahoma City, Okla. Guernseys will be judged on Monday, September 25.

Sept. 26-30. Trenton Fair, Trenton, New Jersey. Guernseys will be judged on September 27 by J. L. and Harold Hope, Madison, New Jersey.

Oct. 2-7. Danbury Fair, Danbury, Connecticut. Guernseys will be judged on October 4 and 5.

Oct. 2-8. Dairy Cattle Congress, Waterloo, Iowa. Guernseys will be judged by George M. Newlin, Fond du Lac, Wisconsin, on October 4 and 5.

Oct. 7-22. State Fair of Texas, Dallas, Texas.

Oct. 16-21. South Carolina State Fair, Columbia, South Carolina. "Open to the World Classification" eliminated.

Oct. 21-28. Pacific International Livestock Exposition, Portland, Oregon.

Nov. 11-17. Ak-Sar-Ben Stock Show, Omaha, Nebraska. There will be no dairy classification.

Nov. 18-25. American Royal Live Stock Show, Kansas City, Missouri. Guernseys will be judged on November 24.

Dec. 2-9. International Live Stock Exposition, Chicago, Illinois. No classification for dairy cattle.

CANADIAN FAIRS

July 17-22. Edmonton Exhibition, Edmonton, Alberta. Guernseys will be judged on July 18.

Aug. 21-26. Central Canada Exhibition, Ottawa, Ontario. No Guernsey classification.

Aug. 25-Sept. 9. Canadian National Exhibition, Toronto, Ontario. Guernseys will be judged on September 1 by Professor G. E. Raithby, Ontario Agricultural College, Guelph.

Aug. 30-Sept. 6. Canada Pacific Exhibition, Vancouver, British Columbia. Guernseys will be judged on September 2 by John Young, University of British Columbia, Vancouver.

Applicants for Membership

THE following Guernsey breeders have applied for membership in The American Guernsey Cattle Club:

FLORIDA: Dinsmore Dairy Company, Inc., Dinsmore, recommended by R. M. Cooper, Jr.

MASSACHUSETTS: Floyd Verrill, Concord, recommended by Robert L DeNormandie.

MICHIGAN: Ethel M. Bricker, Detroit, recommended by John Endicott.

NEW HAMPAHIRE: David Whiting and Sons, Inc., Wilton, recommended by Charles S. Mills.

NEW YORK: G. Herbert Allen, Salt Point, recommended by James Budd Rymph; Leon P. Randall, Cortland, recommended by McDonald and Crocker.

NORTH CAROLINA: Alfred L. Brown, Kannapolis, recommended by H. A. Sanford; R. B. Staton, Belhaven, recommended by William Moore.

PENNSYLVANIA: Philip W. Smith, New Hope, recommended by William W. Hurley.

WISCONSIN: Fred R. Erbach, Beloit, recommended by William C. Klann, A. C. Rietbrock and William L. Erbach.

ADVANCED REGISTER NOTES

State Champions

ALABAMA

G Warrior's Gemsey Jewel 315489, 9554.3 pounds milk; 496.5 pounds butter fat; breeder and owner, State of Alabama-Kilby Dairy Farms, Montgomery.

ARKANSAS

DDD Elmhurst Meteor's Mary 269238, 11580.6 pounds milk; 534.7 pounds butter fat; breeder and owner, Conoway Scott, Scott.

GEORGIA

BB Ranger's Katydid 295923, 14655.2 pounds milk; 578.3 pounds butter fat; breeder and owner, John S. Candler, Decatur.

MISSOURI

AHI Lillian of Mineral Springs 88455, 12919.6 pounds milk; 535.8 pounds butter fat; breeder, Wilbur M. Rundell, Livingston, Wisconsin; owner, Missouri Improvement Company, Bismarck.

PENNSYLVANIA

AHI Morningside Esther 171352, 10914.1 pounds milk; 534.0 pounds butter fat; breeder, Fred W. Card, Sylvania; owner, James B. Robertson, Paoli.

SOUTH DAKOTA

GHI College Ultimas' Olga 310974, 7738.1 pounds milk; 364.7 pounds butter fat; breeder and owner, South Dakota State College, Brookings.

The following is a list of animals having three or more Advanced Register records, the last one of which has become official since the last publication of the Journal:

May Queen of High Hill 173561

Lbs. Milk	Lbs. B. Fat	Class
12269.1	654.8	EE
11571.7	627.4	C
15661.8	860.5	A
14937.1	778.1	A
13878.0	704.4	A

Owner: Est. William R. West, New Bedford, Massachusetts.

Caroline's Rose Bay of Maple Lawn 152290

Lbs. Milk	Lbs. B. Fat	Class
7551.5	423.7	EEE
11704.9	666.3	A

THE FOLLOWING COWS DESERVE HONORABLE MENTION FOR ONE MONTH'S PRODUCTION

(Credits subject to final verification.)

Name and Number	Test Begun	Month	Lbs. Milk	Lbs. B. Fat	Class
Greyholme's Choice Christine 260166	12-20-32	Mar	1535.1	78.14	BBB
Owner: H. H. Whitcomb, Littleton, Massachusetts.					
N. M. A. C. Louise Absolute 261608	1—8-33	Feb	1528.3	89.71	C
Owner: New Mexico College of Agriculture and Mechanic Arts, State College, New Mexico.					
Imp. Candie's Morwenna 304513	1-24-33	Apr	1414.7	85.87	C
Owner: Peter G. Gerry, Delhi, New York.					
Imp. Flower of the Gree 333446	3-29-33	Apr	1582.4	81.18	CCC
Owner: Van S. Merle-Smith, Oyster Bay, New York.					
Imp. Osceola Sally 277277	1-12-33	Mar	1883.7	82.69	D
Owner: Peter G. Gerry, Delhi, New York.					
Greyholme's Slogan's Faith 304774	3-13-33	Apr	1494.7	72.94	E
Owner: University of Nebraska, Lincoln, Nebraska.					
Wolfpen Madelon 319140	1-10-33	Apr	1203.6	68.48	G
Owner: Helen Sears Bradley, Southboro, Massachusetts.					
Wildwood Actor's Attraction 330656	2-14-33	Mar	1393.2	64.64	G
Owner: Wood F. Axton, Prospect, Kentucky.		Apr	1347.9	60.52	
Dunwalke Brilliant Flower 317092	1-24-33	Feb	1059.3	60.49	GGG
Owner: Clarence Dillon, Bedminster, New Jersey.		Mar	1202.2	68.65	
Pearl of Hill Girt 335545	1—1-33	Mar	955.1	50.62	GGG
Owner: H. G. Haskell, Cossart, Pennsylvania.					
Buttercup B. of Old Town Farm (Grade)	3-18-33	Apr	1628.6	82.24	AAA
Owner: B. F. W. Russell, Peterboro, New Hampshire.					

THE FOLLOWING COWS DESERVE HONORABLE MENTION FOR OUTSTANDING RECORDS

Name and Number	Test Ended	Lbs. Milk	Lbs. B. Fat	Class
Imp. Bickleigh Jewel IV. 253827	2-13-33	17668.2	893.5	A
Owner: Est. John R. Gladding, Thompson, Connecticut.				
Caroline's Rose Bay of Maple Lawn 152290	3-31-33	14671.1	830.3	A
Owner: The Telling-Belle Vernon Company, Novelty, Ohio.				
Lillian of Mineral Springs 88455	3-12-33	12919.6	535.8	AHI
Owner: Missouri Improvement Company, Bismarck, Missouri.				
Morningside Esther 171352	1-24-33	10914.1	534.0	AHI
Owner: John B. Robertson, Paoli, Pennsylvania.				
Langwater Gardenia 2d 283995	3—8-33	15172.0	820.2	C
Owner: John S. Ames, North Easton, Massachusetts.				
Gear's Darigold Lady 297425	1-30-33	10663.7	510.2	GGG
Owner: Friedrichs Brothers, Bow, Washington.				
Raider's Jollie of Bolton 298003	2-11-33	7834.2	426.1	GGG
Owner: E. B. Morris, Bristol, Pennsylvania.				
Brownlie Flower 304328	1-11-33	11677.4	566.9	GHI
Owner: James B. Robertson, Paoli, Pennsylvania.				

14671.1	830.3	A

Owner: The Telling-Belle Vernon Company, Novelty, Ohio.

Wendmere Planet's May Belle 205467

Lbs. Milk	Lbs. B. Fat	Class
7213.3	379.2	FFF
10277.7	551.1	DD
13179.5	693.6	A

Owner: George P. Clark, Shannock, Rhode Island.

Escalon Fawn 231675

Lbs. Milk	Lbs. B. Fat	Class
8068.6	475.3	EEE
9423.8	540.7	CCC
8819.8	494.4	AAA

Owner: A. B. Humphrey, Escalon, California.

King Robert's Meadowside Lass 88042

Lbs. Milk	Lbs. B. Fat	Class
9536.1	515.2	F
13952.3	687.9	C
14958.9	783.4	A
15641.1	780.6	AA
12549.5	624.2	A
16304.0	780.1	A
13197.9	631.7	A
13207.2	665.7	A
11969.9	575.4	A

Owner: Est. William R. West, New Bedford, Massachusetts.

Reservation Annette 153236

Lbs. Milk	Lbs. B. Fat	Class
7140.7	432.3	GG
7654.7	457.3	A
12620.1	710.3	A

Owner: Charles F. Mignin, Castile, New York.

Transaval Nora 272826

Lbs. Milk	Lbs. B. Fat	Class
7902.0	369.4	FHI
7701.8	370.7	DHI
8148.3	364.9	BHI

Owner: Richard E. Williams, Fairport, New York.

The following animals produced over a ton of milk in one month.

Trixie Alice of Cowham Farm 225436, owned by C. F. Cowham, Jackson, Michigan, produced 2278.9 pounds of milk and 82.49 pounds of butter fat, during the month of April, in class A.

Fanny's Queen Valentine of Melrose 175179, owned by John F. Talmage, Mendham, New Jersey, produced during the month of March, 2055.1 pounds of milk containing 81.79 pounds of butter fat, in class A.

New Advanced Register Sires

Rockingham Holliston 84230. Breeder: Est. C. H. Tenney, Salem, N. H. Owner: Julius E. Ward, Stockton, N. J.

Brook Farm Defender 99279. Breeder: Arthur G. Galusha, Williamstown, Mass. Owner: Oscar M. Whittemore, Lenox, Mass.

Coventry Amelia's Souvenir 126821 (Imp.). Breeder: G. A. Le Page, Island of Guernsey. Owner: Mrs. Kate W. Morse, Richmond, Mass.

Caumsett Courageous 136678. Breeder: Caumsett Farm, Huntington, N. Y. Owner: George P. Clark, Shannock, R. I.

Langwater Uhlan 155413. Breeder: John S. Ames, North Easton, Mass. Owner: F. B. Rawlings, Sandersville, Ga.

Brookmead's Masterful of Delamead 127200. Breeder: Frank Graham Thomson, Devon, Pa. Owner: J. H. Miller, New Albany, Ohio.

Mimosa King Orange 103143. Breeder: R. M. Cooper, Jr., Wisacky, S. C. Owner: George B. Salley, Orangeburg, S. C.

Ultra Violet's King of Oakhurst 99259. Breeder: Frank A. Hotchkiss, Millerton, N. Y. Owner: Dunn Brothers, Hyde Park, N. Y.

Bosworthfield Kermit 131367. Breeder: Charles W. Bosworth, Lenox, Mass. Owner: H. Schaaf, Chatham, N. Y.

Langwater Jubilee 143875. Breeder: John S. Ames, North Easton, Mass. Owner: Hamilton F. Kean, Elizabeth, N. J.

(Please turn to page 408)

SUMMARY OF 38998 ADVANCED REGISTER RECORDS
(Includes single, double, and triple letter records)

	Records	Lbs. Milk	Lbs. B. F.	Per Cent.
Class A	11410	11213.1	552.3	4.93
Class B	2576	10830.3	537.8	4.97
Class C	3057	10467.8	517.2	4.94
Class D	3301	10035.9	501.5	5.00
Class E	3869	9437.8	476.2	5.05
Class F	4861	9486.6	464.2	4.89
Class G	9924	8851.0	443.5	5.01
	38998	10037.3	498.1	4.96

APPROVED ADVANCED REGISTER RECORDS

From May 15, 1933, to June 1, 1933

Includes A. R. 31750 to A. R. 31847 with re-entries: 11918; 19167; 21283; 22319; 23609; 24486; 25293; 25329; 25470; 25566; 25776; 25862; 26762; 26991; 27109; 27414; 27512; 27723; 28495; 28644; 28843; 29102; 29432; 29468; 29816

CLASS A—Five Years and Over

A. R.		Lbs. Milk	Lbs. Fat	Per Cent Fat	Age Yrs. Mos.	OWNER
R°25566	Imp. Bickleigh Jewel IV 253827	17668.2	893.5	5.06	6—1	Est. John R. Gladding, Thompson, Conn.
	S. Imp. Bickleigh Nobleman 110902 A. R. D. Bickleigh Jewel R. G. A. S. 18546 P. S.					
R°21283	Caroline's Rose Bay of Maple Lawn 152290	14671.1	830.3	5.66	8—10	The Telling-Belle Vernon Co., Novelty, Ohio.
	S. Caroline's King of Chilmark 55509 D. Yeksa's Rose Bay 112154					
31778	Deershorn's Alice 269259	13412.9	756.7	5.64	5—10	Vernon D. Mudgett, Sterling Junction, Mass.
	S. Royal's Legislator 89309 A. R. D. Deershorn's Lighting 168687					
R19167	Reservation Annette 153236	12620.1	710.3	5.63	8—9	Charles F. Mignin, Castile, N. Y.
	S. Reservation Pioneer 30421 A. R. D. Reservation Anita 109444					
R22319	May Queen of High Hill 173561	13878.0	704.4	5.08	7—9	Est. William R. West, New Bedford, Mass.
	S. Africander's Ultra May King of High Hill 89723 D. Dairy Maid of High Hill 146197 A. R.					
R24486	Wendmere Planet's May Belle 205467	13179.5	693.6	5.26	5—9	George P. Clark, Shannock, R. I.
	S. Cherry's Regent 54953 A. R. D. Planet's Liberty Bell 106262 A. R.					
¶31793	Lotte of Rose Valley 2d 207851	12606.5	661.1	5.24	6—1	Fred Dieckhoff, Hinsdale, Ill.
	S. Imp. Favorite's Slogan 96665 A. R. D. Lotte of Rose Valley 155528					
R23609	Langwater Peeress 177725	12255.1	656.5	5.36	7—6	John S. Ames, North Easton, Mass.
	S. Langwater Warrior 26509 A. R. D. Imp. Figtree's Duchess of Langwater 137107 A. R.					

31755 Coventry Theda Bara 161821 13267.5 649.4 4.89 8—1 Darwin S. Morse, Richmond, Mass.
S. Rockingham Holliston 84230 A. R. D. Langwater Vampire 99259 A. R.

R27414 Bridesmaid of Clover Farm 220560 13501.0 646.9 4.79 5—4 James L. McIntosh, Dovesville, S. C.
S. Sir Jardiniere 32115 A. R. D. Imp. Arka II. of the Vauxbelets 74541 A. R.

R25862 Elaine the Fair of Ramonsadee 178591 14154.5 643.2 4.54 7—5 The Pennsylvania State College, State College, Pa.
S. Penstates Musette Master 55486 D. Princess Nittany 137442

R¶28644 Val's Vera of Garden Creek 182248 14759.4 631.6 4.27 7—0 Florence Osborne, Canton, N. C.
S. Millmount's Cavalier 97438 A. R. D. Garden Creek's Lily of the Valley 99726 A. R.

R26991 Cherry Bell of Hygeia Farm 3d 207013 13274.3 627.9 4.73 6—0 North Carolina State College of Agriculture, Raleigh, N. C.
S. J. C. of Hygeia Guernsey Farm 77348 A. R. D. Cherry Bell of Hygeia Farm 171104

¶31842 Imp. Beauty of Rocque Balan 308874 13350.8 615.7 4.61 6—5 Albert H. Beck, Wayland, Mass.
S. Bobby of the Salines R. G. A. S. 4929 P. S. A. R. D. Binkie R. G. A. S. 21921 P. S.

31758 Great Pine Francesca 209487 12340.7 585.1 4.74 7—0 Darwin S. Morse, Richmond, Mass.
S. Brook Farm Defender 99279 A. R. D. Betty B. of the Elms 131519

R¶25329 Chief's Lady Laura of Guernsey Farms 186925 12969.5 582.5 4.49 7—11 W. E. Montgomery, Montour, Iowa.
S. Cyclops' Chief of Crane Farm 57780 D. Red Cross Lady of Crane Farm 94538

R11918 King Robert's Meadowside Lass 88042 11969.9 575.4 4.81 13—9 Est. William R. West, New Bedford, Mass.
S. King Robert of Great Hill 31925 A. R. D. Berna La Belle 60978 A. R.

¶31828 Strawberry of Traymore 220444 9592.8 525.3 5.48 5—3 Gayoso Farm, Horn Lake, Miss.
S. Langwater Dairyman 87893 A. R. D. Atamannsit Strawberry 151544 A. R.

¶31792 Itchen's Queen's Bess 197677 9604.3 519.4 5.41 6—7 A. L. Crowe, Smyrna, Ga.
S. Itchen's King's Major 85555 D. Queen of Rowan 123281

¶31757 Golden Rod of Wild Rose 217211 9131.8 515.9 5.65 5—7 John G. Whitney, Manchester, N. H.
S. Opera's Gold Boy of Brookside 81009 D. Shippawan Phyllis 117480

R25293 Meadow Lawn Belle 225133 9625.8 514.9 5.35 5—5 F. E. Fox, Waukesha, Wis.
S. Rockingham Rival 103920 D. Meadow Lawn Kate 147134

31835 Luella of Lake Side View 120206 11049.1 511.9 4.63 11—2 F. E. Fox, Waukesha, Wis.
S. Anchor Bob of Fairview 52183 D. Nesbit of Harvest Home 43589

31805 Etherston Meadowsweet 216041 8633.5 507.7 5.88 6—0 George B. Taylor, Fairview, Pa.
S. Red Invader of Linda Vista 65902 A. R. D. Meadowlea's Bloom 195987 A. R.

R†27512 Escalon Fawn 231675 8819.8 494.4 5.61 5—2 A. B. Humphrey, Escalon, Calif.
S. Escalon Favorite 76818 A. R. D. Pearl Souffle of Revada 110497

CLASS B—Four and One-Half to Five Years

R°¶25776 Gayhead's Delphinium 249390 13127.4 720.0 5.48 4—9 George D. Pratt, Jr., Bridgewater, Conn.
S. Gayhead's Knight 71946 A. R. D. Gayhead's Ultra Daisy 126575

31754 Collection's Polly 235844 13134.2 687.8 5.24 4—11 The Caumsett Corporation, Huntington, N. Y.
S. Langwater Collection 102130 A. R. D. May King's Polly of Oakhurst 64369 A. R.

31827 Haywood's Heartsease 239322 12925.2 678.7 5.25 4—10 Florence Osborne, Canton, N. C.
S. Millmount's Cavalier 97438 A. R. D. Eureka Haywood 215407

31783 Highland Farms Jane's Sequence 242842 11682.0 610.3 5.22 4—7 F. U. Wells, Whately, Mass.
S. Rockingham Sequence 108452 A. R. D. Highland Farms Jane's Peerless 195195

¶31823 Ranger's Katydid 295923 14655.2 578.3 3.95 4—11 John S. Candler, Decatur, Ga.
S. Mimosa Ranger 70385 A. R. D. Katydid's Czarina 114803 A. R.

31777 Flintarrow Adoration 245962 12254.6 560.9 4.58 4—8 John E. McLoughlin, Clinton, N. Y.
S. Langwater Resolute 93733 A. R. D. Imp. Hayes Kitchener Daisy 94090 A. R.

31841 Starlight Whiteash Sallie 314591 10100.1 468.9 4.64 4—6 Blum Bros. Box Co., Marshfield, Wis.
S. Grandvu Noble Boy 106056 D. Starlight Twin of the Arch 198495

R†27723 Daylo Faithful 237994 8313.0 446.0 5.37 4—10 J. Elliott Hall, Morristown, N. J.
S. Langwater Music's Dimple King 57284 A. R. D. King's Daylo Ethel 99450 A. R.

CLASS C—Four to Four and One-Half Years

R°28843 Langwater Gardenia 2d 283995 15172.0 820.2 5.41 4—1 John S. Ames, North Easton, Mass.
S. Langwater Pharaoh 98719 A. R. D. Langwater Gardenia 74565 A. R.

31814 Hilltop Butterfat Favorite 256632 10871.5 650.3 5.98 4—0 George M. Hendee, Suffield, Conn.
S. Imp. Primrose's Butterfat 104967 A. R. D. Imp. Hilltop's Favorite 182230 A. R.

R27109 Forge Hill Laddie's Phyllistine 250289 11635.5 630.1 5.42 4—5 J. L. Wilkie, New Windsor, N. Y.
S. Table Rock Ultra Laddie 91391 A. R. D. Forge Hill Warrior's Phyllita 225099 A. R.

R26762 Raemelton's Virginia 249414 11300.9 537.1 4.75 4—4 F. B. Black, Mansfield, Ohio.
S. Sunnyvale Sun 103167 A. R. D. Raemelton's Corinna 182474 A. R.

R28495 Glynwood's Buttercup 260464 10692.2 476.9 4.46 4—0 George W. Perkins, Cold Spring, N. Y.
S. Royal Countess's King of Oakhurst 2d 104098 A. R. D. June Rose of Oakhurst 178316 A. R.

R25470 Shorewood Coralette 244525 11245.2 463.1 4.12 4—3 John W. Doring, Appleton, Minn.
S. Cherub's Monsieur Procris of Shorewood 98852 A. R. D. Cherub's Cora of Shorewood 83706 A. R.

31819 Gayoso Actor's Gerda 315400 8980.1 445.7 4.96 4—0 Gayoso Farm, Horn Lake, Miss.
S. Langwater Actor 60162 A. R. D. Gertrude Galore of Gayoso 113630 A. R.

31840 Venture's Violet of Cloverbloom 253699 8838.3 439.7 4.97 4—3 Blum Bros., Box Co., Marshfield, Wis.
S. Venture of Edgemoor 65894 A. R. D. Cloverdale Gertie 53891

CLASS D—Three and One-Half to Four Years

°31846 Dolly's Foremost's Esta 317782 14391.5 732.3 5.09 3—7 Stevens Brothers, North Andover, Mass.
S. Dolly's Foremost of High Rock 67827 A. R. D. Laudholm Lady Babette 135006 A. R.

31839 Sphinx of Woodside 269950 11613.4 606.4 5.22 3—9 Est. James A. Burden, Syosset, N. Y.
S. Hottentot of Woodside 87061 A. R. D. Lucille of Woodside 173932

31773 Mineral Home Radiant Blossom 268598 11815.4 580.1 4.91 3—8 Iowa State College, Ames, Iowa.
S. Bowood Dairy King 55525 A. R. D. Knight's Radiant Rose 197524

31771 Luxerin Innocent 270119 12017.3 557.6 4.64 3—7 Est. B. F. Sheridan, Fond du Lac, Wis.
S. Steadfast of Flying Hill 124825 A. R. D. Luxerin Cassy 155256 A. R.

R†29432 Elmhurst Meteor's Mary 269238 11580.6 534.7 4.62 3—6 Conoway Scott, Scott, Ark.
S. Gayoso Meteor 92426 A. R. D. Cecil's Mary of Fairview 174855 A. R.
R29102 Beechwood Fancy 269479 8963.8 513.1 5.72 3—7 Ralph E. Flinn, Sharpsburg, Pa.
S. Beechwood Eastern Surprise 117553 A. R. D. Raider's Fancy Milford of Bethany 134286 A. R.
31809 Fairview Searchlight's Beauty 268633 10635.7 490.1 4.61 3—7 George B. Taylor, Fairview, Pa.
S. Golden Searchlight of Hill Girt Farm 79310 A. R. D. Marlboro Beauty 107352 A. R.
R29468 Escalon Edna 326689 7499.9 461.5 6.15 3—11 A. B. Humphrey, Escalon, Calif.
S. Escalon Favorite 76818 A. R. D. Escalon Melese 141965

CLASS E—Three to Three and One-Half Years

31760 Green Meads Theda 349028 12392.1 628.7 5.07 3—3 Darwin S. Morse, Richmond, Mass.
S. Imp. Coventry Amelia's Souvenir 126821 A. R. D. Coventry Theda Bara 161821
31801 Holliston's Supreme Graceful 272942 12490.6 624.6 5.00 3—2 C. L. A. Whitney, Loudonville, N. Y.
S. Homestead Holliston 117816 D. Wyebrook Supreme's Graceful 188198 A. R.
31797 Wyebrook Celebrity 283719 11281.3 589.2 5.22 3—1 C. L. A. Whitney, Loudonville, N. Y.
S. Wyebrook Satisfaction 86494 A. R. D. Wyebrook Heroine 171154
31775 Tressie of Cowham Farm 276405 12462.9 573.5 4.60 3—4 C. F. Cowham, Jackson, Mich.
S. Linwood's Squire 99155 D. King's Tressie Girl 180947
¶31815 Kenfleur's Aline Crescent 263743 12391.1 572.7 4.62 3—3 H. C. Horneman, Danville, Ill.
S. Kenfleur's Pilgrim Crescent 115615 A. R. D. Kenfleur's May King Aline 207908 A. R.
31796 Wyebrook Elegance 283718 9704.1 556.7 5.74 3—2 C. L. A. Whitney, Loudonville, N. Y.
S. Wyebrook Satisfaction 86494 A. R. D. Wyebrook Goodness 137079 A. R.
31826 Wonder of Garden Creek 278624 11862.3 532.3 4.49 3—4 M. Louisa Osborne, Canton, N. C.
S. Millmount's Cavalier 97438 A. R. D. Emogine's Beauty of Fairmont 70435 A. R.
31830 Principia's Sana Seda 272742 10394.3 531.1 5.11 3—2 W. Silas Ridgly, Casner, Ill.
S. Gayoso Actor Reliable 134797 D. Principia's Golden Glo 200480
31781 Hesitator's Rose of Gazelle 268608 12547.4 527.4 4.20 3—4 D. T. Bishop, Hartville, Ohio.
S. Richel Senator Master 112076 A. R. D. Hesitator's Rose 72460 A. R.
31803 Allenholm Polly 267895 7528.6 452.7 6.01 3—3 H. H. Buckley, Oneonta, N. Y.
S. Mixter Music Master 75809 A. R. D. Chief's Sport's Polly 91545 A. R.
31806 Fairview Golden Rosebud 267911 8328.6 451.4 5.42 3—5 George B. Taylor, Fairview, Pa.
S. Golden Searchlight of Hill Girt Farm 79310 A. R. D. Conqueror's Rosebud of Cosquay 145596 A. R.
†31802 Rubyann of the Ridge 267724 6723.0 408.7 6.08 3—3 Fred C. Gleason, Sodus, Mich.
S. Polly's Ultra Ne Plus 109237 A. R. D. Ruby of the Ridge 150328 A. R.
31795 Clyde's Scottish Maid 283377 8205.4 398.1 4.85 3—5 University of Illinois, Urbana, Ill.
S. Orndale Clyde 80385 A. R. D. Laddie's Lady Claire 237096
†31762 Leader's Alice of Bdk. 265845 8362.1 394.0 4.71 3—4 J. Elliott Hall, Morristown, N. J.
S. Edgemere Leader 115415 A. R. D. Queen's Alice of Rich Grove Farm 161480 A. R.
31794 Dimple Madge of Bolton 272975 6622.7 384.4 5.80 3—1 E. B. Morris, Bristol, Pa.
S. Daylo Dimple King 140068 D. Star's Daylo Countess 209881 A. R.
31782 Valley Gem Satisfaction 278615 6295.9 366.4 5.82 3—2 Valley Gem Farms, Arlington, Wash.
S. Mixter Senator 96930 A. R. D. Patience of Valley Gem 162319
R†29816 Princess of Brooklawn 265375 5802.0 338.7 5.84 3—5 D. H. McAlpin, Morris Plains, N. J.
S. Viola's May King of Brooklawn 90981 A. R. D. Commodore's Lady Antoinette 196939 A. R.

CLASS F—Two and One-Half to Three Years

°31751 Beechford's Josie 291488 12143.9 675.1 5.56 2—7 Harry Bailey, Mount Tremper, N. Y.
S. Wyebrook Supreme 58407 A. R. D. Beechford's Josephine 156216 A. R.
°31843 Imp. Broadmeadows Becky 288186 12921.4 663.9 5.14 2—7 Albert H. Beck, Wayland, Mass.
S. Sailor Lad of Les Meriennes R. G. A. S. 5441 P. S. D. Imp. Secret of Charroterie 278590 A. R.
°31750 Beechford's Betty 292990 11768.6 634.4 5.39 2—6 Harry Bailey, Mount Tremper, N. Y.
S. Florham Laddie 20431 A. R. D. Saugerties Ultra Betsey 195735
31799 Roughwood Galaxy 285950 10519.2 594.9 5.66 2—8 Ernest B. Dane, Center Harbor, N. H.
S. Roughwood Revelation 139498 D. Roughwood Estrella 198898
31833 Hazelwood's Ann 309281 12589.0 543.2 4.31 2—6 R. B. Caldwell, Chester, S. C.
S. Imp. Betsey's Emblem 126428 A. R. D. Hazelwood's Jessie 239031 A. R.
31800 Florham Gaylass 291301 10243.0 533.2 5.21 2—10 Ruth V. Twombly, Madison, N. J.
S. Langwater Star Gazer 60164 A. R. D. Falstaff's Wyoming of Upland Farms 68406 A. R.
31847 Imp. Broadmeadows Alpha 288181 10369.8 511.7 4.93 2—8 Albert H. Beck, Wayland, Mass.
S. Golden Tip's Sequel II. R. G. A. S. 5457 P. S. D. Imp. Countess of Beaulieu 278589 A. R.
31761 Horse Shoe Buttercup 284934 12162.7 503.9 4.14 2—9 George P. Clark, Shannock, R. I.
S. Caumsett Courageous 136678 A. R. D. Horse Shoe Maybud 245391 A. R.
31844 Imp. Broadmeadows Liberty 288185 10452.3 497.8 4.76 2—7 Albert H. Beck, Wayland, Mass.
S. Primrose's Golden Fleece R. G. A. S. 5131 P. S. D. Imp. Louise of Meadow Villa 278588
31808 Moughon Golden Gift 210994 9577.6 489.6 5.11 2—8 S. A. Wood, Ednor, Md.
S. Maple Glen Rose Laddie 54332 A. R. D. Merrymaid of Moughon 126440 A. R.
31812 Primrose of Clover Farm 317777 9570.7 476.4 4.98 2—9 James L. McIntosh, Dovesville, S. C.
S. Gamecock of Clover Farm 133522 D. Sensation of Clover Farm 234953 A. R.
31822 Interlochs Charity 295829 11378.9 468.0 4.11 2—8 F. C. Kay, Pueblo, Colo.
S. Interlochs Fame 128080 D. Interlochs Effie 162538 A. R.
31798 Roughwood Gift 285947 9921.4 463.8 4.67 2—9 Ernest B. Dane, Center Harbor, N. H.
S. Roughwood Damon 136417 A. R. D. Roughwood Largesse 228392
31807 Ames Cherry Queen Omicron 305376 7496.8 424.5 5.66 2—9 Iowa State College, Ames, Iowa.
S. Cherub's Mayboy of the Prairie 85647 A. R. D. Ames May Queen Zeta 103107 A. R.
¶31765 Ohio Sweet Pearl 278850 8571.1 419.6 4.90 2—10 Ohio State University, Columbus, Ohio.
S. Brookmead's Masterful of Delamead 127200 A. R. D. Sweet Springs Pearl 213588 A. R.
31804 Green Meadow Fanciful 325958 9235.8 377.7 4.09 2—8 W. Silas Ridgly, Casner, Ill.
S. Green Meadow Courageous 81810 A. R. D. Hilda's Fancy of Springside 108329
†31752 Valley Gem Earnestine 285090 6645.4 352.9 5.31 2—9 Valley Gem Farms, Arlington, Wash.
S. Holliston Elect of Rockingham 106621 A. R. D. Valley Gem Sunshine 222850 A. R.

CLASS G—Under Two and One-Half Years

°31820 Hilltop Bonny Freesia 301635 11612.3 683.7 5.89 2—3 George M. Hendee, Suffield, Conn.
S. Dunwalke Bonny Butterfat 138488 D. Hilltop Butterfat's Freesia 216039 A. R.
°31779 Deershorn's Silver Faithless 354823 10478.4 659.2 6.29 2—2 Vernon D. Mudgett, Sterling Junction, Mass.
S. Lynbrook Silver Cloud 153439 A. R. D. Deershorn's Faith 257626

°31817 Langwater Queen of Joy 307375 14339.7 658.5 4.59 2—4 John S. Ames, North Easton, Mass.
S. Langwater Valiant 51868 A. R. D. Shuttlewick Queen of Joy 129737 A. R.
°31759 Green Meads Marguerita 349032 10784.1 641.8 5.95 2—2 Darwin S. Morse, Richmond, Mass.
S. Imp. Coventry Amelia's Souvenir 126821 A. R. D. Great Pine Marguerita 201597
°31780 Deershorn's Silver Margery 357074 12043.7 602.8 5.01 2—3 Vernon D. Mudgett, Sterling Junction, Mass.
S. Lynbrook Silver Cloud 153439 A. R. D. Deershorn's Helen 269258
31831 Maple Lane Africander's Anita 303113 11152.0 598.4 5.37 2—4 W. Silas Ridgly, Casner, Ill.
S. Saugerties Africander 116932 A. R. D. Maple Lane Lucy 191061 A. R.
31811 N. C. State Bell 307855 11007.7 580.6 5.27 2—2 North Carolina State College of Agriculture, Raleigh, N. C.
S. Bell's Harvester 108705 A. R. D. Cherry Bell of Hygeia Farm 3d 207013 A. R.
31756 Fayroyal's Gironde 334050 10940.4 578.6 5.29 2—4 J. C. Penney-Gwinn Corp., Hopewell Junction, N. Y.
S. May Royal's Majesty 117245 A. R. D. Foremost's Cosquay 197792 A. R.
31832 Nell Lee of Ridglydale 315879 13372.4 574.3 4.29 2—2 W. Silas Ridgly, Casner, Ill.
S. Kenfleur's Beda's Prince 132096 A. R. D. Daisy Dot of Shantituck 196838 A. R.
31772 Luxerin Jolly Girl 310687 11665.1 568.4 4.87 2—3 Est. B. F. Sheridan, Fond du Lac, Wis.
S. Steadfast of Flying Hill 124825 A. R. D. Rora of River Ravine Farm 147637 A. R.
¶31836 Blossom of Gwynllan Farm 305895 10026.4 556.3 5.55 2—2 A. D. Thayer, Gwynedd Valley, Pa.
S. Maybell's Ultra Laddie 126186 D. Heweshurst Blossom 240744
31821 Hilltop Bonny Millie 301632 10096.5 554.4 5.49 2—4 George M. Hendee, Suffield, Conn.
S. Dunwalke Bonny Butterfat 138488 A. R. D. Imp. Hilltop Butterfat's Millie 160765 A. R.
31845 Escalon Royal Gem 343496 9542.2 536.2 5.62 2—0 A. B. Humphrey, Escalon, Calif.
S. Highland Royal Prince 115656 A. R. D. Escalon Hattie 257131
31776 Bonnie Brae Patsy 325187 11131.2 530.7 4.77 2—4 John E. McLoughlin, Clinton, N. Y.
S. Langwater Jubilee 143875 A. R. D. Patty of Ward Acres 203896 A. R.
†31753 Gear's Darigold Lady 297425 10663.7 510.2 4.78 2—5 Friedrichs Brothers, Bow, Wash.
S. Chicona Joseph Pride 93241 D. Pansy's Lady 162794
31763 Meadow Vista Hazel 347412 10741.6 498.6 4.64 2—4 F. B. Rawlings, Sandersville, Ga.
S. Langwater Uhlan 155413 A. R. D. Fern Crest Royal Hazel 205523
31788 Warrior's Gemsey Jewel 315489 9554.3 496.5 5.20 2—0 State of Alabama-Kilby Dairy Farms, Montgomery, Ala.
S. Gayoso Steadfast Warrior 111596 A. R. D. Gemsey's Jewel of Clover Farm 134037
31766 Rivelon Foremost Helen 306275 9030.8 475.7 5.27 2—3 George B. Salley, Orangeburg, S. C.
S. Mimosa King Orange 103143 A. R. D. Cheppy's Foremost Lady 178830
31787 Warrior's Golden Star 312591 9828.4 474.4 4.83 2—4 State of Alabama-Kilby Dairy Farms, Montgomery, Ala.
S. Gayoso Steadfast Warrior 111596 A. R. D. Barbara Princess 58837
31838 Escalon Ruby Dell 357167 9230.0 471.6 5.11 2—3 A. B. Humphrey, Escalon, Calif.
S. Atamannsit Bestower 115840 A. R. D. Escalon Ruby 156817 A. R.
31774 Schaaffield Kermit's Jane 289590 9056.2 463.6 5.12 2—2 F. U. Wells, Whately, Mass.
S. Bosworthfield Kermit 131367 A. R. D. Highland Farms Jane's Sequence 242842
31829 Bonelcho's Nora of Denmark 343279 10800.8 462.4 4.28 2—3 F. E. Fox, Waukesha, Wis.
S. Luxerin Bonelcho 93656 A. R. D. Douglas' Eleonora of Denmark 178636
31785 Lllini Lindy Miranda Pride 303560 8242.2 459.8 5.58 2—2 University of Illinois, Urbana, Ill.
S. Lindenhurst May King 110367 A. R. D. Miranda Pride of Oberland 86690 A. R.
¶31784 Dolly Lilly Don Starlight 302880 9050.4 452.0 4.99 2—3 A. L. Crowe, Smyrna, Ga.
S. Virginia's Woodrow 98450 A. R. D. Dolly Lilly Don 246983
31824 Royalene's Valentine 300023 9405.3 448.7 4.77 2—0 Fred C. Gleason, Sodus, Mich.
S. Polly's Ultra Ne Plus 109237 A. R. D. Suke's Royalene 216399 A. R.
31789 Warrior's Bertha Princess 312593 8860.3 441.1 4.98 2—2 State of Alabama-Kilby Dairy Farms, Montgomery, Ala.
S. Gayoso Steadfast Warrior 111596 A. R. D. Pilot's Princess 213306
31825 Bobette of Ballard Farm 311724 7221.1 433.4 6.00 2—2 Ballard Brothers, Niles, Mich.
S. Bob of Oronoko 154620 D. Elnora of Ballard Farm 247984 A. R.
†31770 Raider's Jollie of Bolton 298003 7834.2 426.1 5.44 2—4 E. B. Morris, Bristol, Pa.
S. Raider of Marshallvale 135821 A. R. D. Inspiration's Lea of Bolton 194066
31834 Brookwood Chloe 298080 9523.7 420.3 4.41 2—1 John Endicott, Bloomfield Hills, Mich.
S. Imp. Echo of Myrtle Place 141225 A. R. D. Brookwood Christine 224432 A. R.
31818 Serene's Maiden of Waukesha 302536 7973.3 406.6 5.10 2—1 F. E. Fox, Waukesha, Wis.
S. Martindale Sterling 109409 A. R. D. Serene's Girl of Arlymear 217372 A. R.
31791 Wyebrook Mirth 327842 8665.1 396.3 4.57 2—1 C. L. A. Whitney, Loudonville, N. Y.
S. Wyebrook Distinction 130767 D. Wyebrook Merrymaid 161188 A. R.
31810 Idagem Honour's Fairy Lady 355400 9355.4 389.1 4.16 2—2 H. F. Steele, Gooding, Idaho.
S. Coventry Queen's Honour 120969 A. R. D. Fairlady of Eaton 117080 A. R.
¶31790 Actor's Princess Lucile 315488 6699.9 378.3 5.65 2—1 State of Alabama-Kilby Dairy Farms, Montgomery, Ala.
S. Gayoso Actor's Beaux 155668 D. King's Princess Lucile 228594
†31769 Viola's May King Duchess 325026 6670.3 356.6 5.35 2—2 D. H. McAlpin, Morris Plains, N. J.
S. Viola's May King of Brooklawn 90981 A. R. D. Antoinette's May King's Queen 196941 A. R.
†31837 Escalon Camilla 310180 6715.3 354.9 5.28 2—4 A. B. Humphrey, Escalon, Calif.
S. Escalon Emory 150976 A. R. D. Escalon Calla Lillie 215415 A. R.
31768 Stadacona Beautiful 290315 7212.1 336.7 4.67 2—5 Elizabeth Douglas, Tilly Foster, N. Y.
S. Knollwood Romantic 101072 A. R. D. Mayboy's Buttercup 89570 A. R.
†31767 Sylvia of Vancrest 305810 6425.0 327.4 5.10 2—3 Frank Van Wagner, Hyde Park, N. Y.
S. Ultra Violet's King of Oakhurst 99259 A. R. D. Violet's Delight of Vancrest 244607 A. R.
†31813 Westmooreland Ultimas Lassie 303068 6493.9 327.0 5.04 2—0 T. Holt Haywood, Clemmons, N. C.
S. Beechford's Ultimas Laddie 134261 D. Aimable's Keepsake of Clover Farm 107278
†31816 Afton's Petunia 300218 5696.4 307.8 5.40 2—3 R. F. Loree, Florham Park, N. J.
S. Rockingham Majesty 157282 D. Petunia of Bowood 229771
†31764 Valentine's Honour's Lass 299966 6500.7 306.1 4.71 2—2 Wayne A. Munn, Janesville, Wis.
S. Imp. Cherry's Honour 71088 A. R. D. Flower of Helendale 90920 A. R.
†31786 Marshallvale Pansy 304577 6670.9 294.7 4.42 2—5 J. Albert Marshall, Kennett Square, Pa.
S. Confident Senator 95001 A. R. D. Pansy Blossom of Pinecreek 110447 A. R.

Double Letter Class¶ Triple Letter Class† Exceeds Requirement by 100% or over° Re-entriesR

DAM-DAUGHTER COMPARISONS

The dam-daughter comparisons given below are based on data compiled by the Advanced Register Division. These sires all have progeny that have been registered within four years and include American bred or imported bulls. They are published in alphabetical order and list only those sires having ten or more dam-daughter pairs. It is believed that this list can be used as a foundation for any index a breeder wishes to use.

Admiral of the Rancho 58342, A. R.

Sire, Brookmead's White Face 32211, A. R. Dam, Annabelle of Maple Lodge 55635, A. R. 7039. Born Dec. 18, 1918. Bred by Elliott-Brant Rancho, Owensmouth, Calif. Owned by D. O. Brant, Canoga Park, Calif.

Daughters, 34 registered. 21 A. R. Daughters, 19 Dam-Daughter pairs.

Daughters	Lbs. Milk	Lbs. B. Fat	Class	*Dams*	Lbs. Milk	Lbs. B. Fat	Class
Marguerite of the Rancho 237680, A. R. 22500	9688.8	442.4	FF	Marguerite's Prestine of Palmhurst 96216, A. R. 18144	10391.8	505.9	A
Re-entry	11499.2	534.4	B				
Re-entry	11553.3	536.7	A				
Rancho Admiral's Advent 250784, A. R. 23556	8086.4	465.5	G	Princess Advent of El Rinconada 120857, A. R. 19542	15422.0	690.2	B
				Re-entry	14938.9	679.5	A
Admiral's Susnny of the Rancho 238906, A. R. 23590	10625.4	635.3	E	Susnny of Ioka Farm 72829, A. R. 17639	9171.6	474.5	A
Rancho Admiral's Betty 253308, A. R. 23746	9373.2	475.2	F	Betty of the Rancho 77954, A. R. 7309	5742.4	317.4	GG
Re-entry	11220.6	600.8	A	Re-entry	11454.3	559.0	A
Rancho Admiral's Rosemary 253311, A. R. 23747	12363.7	683.9	G	May King's Rosemary of the Rancho 120787, A. R. 21465	12075.3	493.0	A
				Re-entry	11662.7	497.9	A
Rancho Admiral's Pet 257276, A. R. 23965	9944.9	437.7	G	Pet of the Rancho 98780, A. R. 12703	11210.1	520.1	GG
Rancho Admiral's Corfu 267977, A. R. 24647	9503.9	488.9	G	Corfu of Hillside 70111, A. R. 7316	8663.5	406.5	GG
Re-entry	13840.0	679.9	C	Re-entry	15601.9	690.9	A
				Re-entry	13904.9	604.7	A
Rancho Admiral's Primrose 271324, A. R. 24980	8725.1	441.6	G	Primrose of the Rancho 140856, A. R. 14480	12021.0	573.7	G
				Re-entry	14926.6	676.4	B
				Re-entry	16454.8	748.2	A
				Re-entry	16886.8	744.2	AA
				Re-entry	14413.1	668.3	A
				Re-entry	15128.1	671.4	A
Rancho Admiral's Pearl 273763, A. R. 25359	10011.4	487.0	G	Pearl's Orpha 98429, A. R. 14851	15149.6	828.9	DD
				Re-entry	14508.4	708.1	A
				Re-entry	14795.0	744.1	A
				Re-entry	14949.8	725.8	A
				Re-entry	14750.5	724.5	A
Rancho Admiral's Golden Lady 289294, A. R. 26163	9318.0	480.8	G	Silverwood's Golden Lady 97390, A. R. 17378	10207.3	482.8	B
				Re-entry	13244.6	576.5	A
				Re-entry	13539.1	633.1	A
Rancho Admiral's Henrietta 289540, A. R. 26164	9248.5	518.7	F	Henrietta of Bon Ayre 126340, A. R. 17383	9825.9	515.0	E
Rancho Admiral's Lady 287070, A. R. 26165	7603.7	399.4	F	Mixter Farm Lady 124234, A. R. 19938	11853.8	576.8	C
Re-entry	11704.6	599.4	DD	Re-entry	13899.1	709.4	A
Rancho Admiral's Royal Alma 296332, A. R. 26166	8111.6	376.4	G	Royal's Alma of the Rancho 176344, A. R. 21934	10959.9	469.6	F
				Re-entry	13354.1	595.1	A
Rancho Admiral's Victime 292802, A. R. 26404	9160.4	467.9	G	Imp. Victime of Iowa 43718, A. R. 3838	7354.6	376.4	F
				Re-entry	8853.3	437.7	D
Rancho Admiral's Alice 299514, A. R. 26600	8486.5	425.0	G	Alice Leman of the Rancho 139963, A. R. 18263	13897.9	646.2	A
				Re-entry	13625.8	618.7	AAA
				Re-entry	16406.3	766.8	A
				Re-entry	16083.4	769.6	A
				Re-entry	13704.0	671.7	AA
				Re-entry	14659.5	704.4	A
				Re-entry	16807.5	808.5	A
Rancho Admiral's Mary Ann 296330, A. R. 27026	7527.5	431.8	F	Mary Ann Zinnia 80445, A. R. 13782	10535.3	495.3	C
				Re-entry	14505.9	650.8	AA
				Re-entry	16617.9	688.4	A
Rancho Admiral's Leman 299513, A. R. 27729	12703.3	579.0	F	Alice Leman of the Rancho 139963, A. R. 18263	13897.9	646.2	A
				Re-entry	13625.8	618.7	AAA
				Re-entry	16406.3	766.8	A
				Re-entry	16083.4	769.6	A
				Re-entry	13704.0	671.7	AA
				Re-entry	14659.5	704.4	A
				Re-entry	16807.5	808.5	A
Rancho Admiral's May Queen 296123, A. R. 28099	10599.5	523.4	E	May Queen's Ivy 110464, A. R. 19103	11170.9	537.3	A
Rancho Etelka 306084, A. R. 28346	8291.5	415.3	E	Royal's Betty of the Rancho 229097, A. R. 21936	10252.6	474.3	F
				Re-entry	12005.0	561.7	C
				Re-entry	11972.2	564.0	A

Albamont Sovereign 59886, A. R.

Sire, Don Diavolo of Linda Vista 23565, A. R. Dam, Tango Pauline 48879, A. R. 5392. Born Aug. 19, 1919. Bred by J. C. Haartz, Winchester, Mass. Owned by William A. Fisher, Rochester, Mich.

Daughters 35 registered. 11 A. R. Daughters, 10 Dam-Daughter pairs.

Daughters	Lbs. Milk	Lbs. B. Fat	Class	*Dams*	Lbs. Milk	Lbs. B. Fat	Class
Albamont Cassia 144404, A. R. 17917	10755.6	479.0	G	St. Austell Dawn 84892, A. R. 9564	11495.5	515.6	E
				Re-entry	12319.2	544.8	B
Albamont Angelica 124556, A. R. 18023	14960.6	710.2	E	Albamont Bluet 92432, A. R. 12075	9835.6	511.0	G
Albamont Marsh Marigold 125396, A. R. 18887	10053.2	596.9	D	Country Countess of A. D. F. 66099, A. R. 7899	12029.7	531.2	F
				Re-entry	14684.8	670.3	D
				Re-entry	15031.6	635.5	A
Albamont Argemone 147767, A. R. 19171	14802.6	695.2	F	Albamont Bluet 92432, A. R. 12075	9835.6	511.0	G
Albamont Milkweed 161760, A. R. 20126	10710.3	577.2	GG	Albamont Eyebright 107041, A. R. 14190	12458.1	577.0	G
				Re-entry	15917.3	712.3	D
				Re-entry	16849.4	757.8	A
Winnetuxet Fishermaid 139300, A. R. 22080	9028.2	466.2	DD	Albamont Azalea 94043, A. R. 14692	9354.9	505.9	E
Re-entry	10451.2	559.2	AA	Re-entry	10992.2	594.2	AA
Pearl of Ward Acres 187093, A. R. 23964	9921.0	583.6	E	Albamont Forget-me-not 111348, A. R. 14633	10423.0	559.6	G
				Re-entry	13163.6	729.4	DD
Farigold of Winding Creek Farm 218715, A. R. 25059	5822.4	277.1	GGG	Albamont Marigold 175371, A. R. 26236	10471.7	509.4	B
Re-entry	13814.1	650.1	C				
Winnetuxet Colchester 221153, A. R. 26263	13466.2	654.4	A	St. Austell Dawn 84892, A. R. 9564	11495.5	515.6	E
				Re-entry	12319.2	544.8	B
Patty of Ward Acres 203896, A. R. 26560	9698.0	579.9	DD	Albamont Forget-me-not 111348, A. R. 14633	10423.0	559.6	G
				Re-entry	13163.6	729.4	DD

Amelia's Rose Gold of Ophir 80460, A. R.

Sire, Grape Lawn May King 45483, A. R. Dam, Imp. Amelia of Millmount IX. 29377, A. R. 6767. Born Feb. 13, 1920. Bred by H. E. Boswell, Burkeville, Va. Owned by E. Parmalee Prentice, Williamstown, Mass.

Daughters, 50 registered. 22 A. R. Daughters, 21 Dam-Daughter pairs.

Daughters	Lbs. Milk	Lbs. B. Fat	Class	*Dams*	Lbs. Milk	Lbs. B. Fat	Class
Grapelawn Golden Willow 161857, A. R. 16731	9920.3	528.1	G	Willow of Big Spring Farm 56741, A. R. 12622	10183.4	512.5	A
Re-entry	9943.4	538.4	DDD				
Coker Ledyard Rose 137787, A. R. 17119	9302.3	511.4	G	Marguerite of Somerset 45291, A. R. 13868	9757.8	462.5	A
Coker Golden Moss Rose 135455, A. R. 17120	7536.8	432.8	G	Moss Violet of Elmendorf 77948, A. R. 13869	7320.2	404.9	A
Coker Golden Carnation 135458, A. R. 17418	12088.7	628.5	G	Carnation of Coker Farms 133161, A. R. 14048	9795.3	429.7	G
Re-entry	12387.3	630.7	CCC				
Coker Primrose of Gold 135456, A. R. 17826	13301.5	679.8	F	Primrose's Alice 114697, A. R. 14049	7996.1	397.4	G
Coker Dora Rose 143168, A. R. 18473	10335.4	546.8	G	Dora Mar of Mimosa 98590, A. R. 12820	9748.4	477.9	E
Coker Rosewood 154880, A. R. 20309	11485.5	606.1	FF	Glenwood's Valinguet of Elmcourt 52182, A. R. 6423	10009.6	444.9	F
				Re-entry	13218.3	575.8	A
Coker Rose Pink 196394, A. R. 22298	6763.2	358.6	G	Carnation of Coker Farms 133161, A. R. 14048	9795.3	429.7	G
Re-entry	10000.3	492.1	C				
Coker Elaine 239250, A. R. 22747	8254.2	374.6	GG	Elaine of Curles Neck 62816, A. R. 12621	9805.6	466.5	A
				Re-entry	12186.4	550.4	A
Coker Pink Lady 196067, A. R. 22974	8817.4	416.1	G	Flodell Carnation 80209, A. R. 12905	9481.4	479.3	D
				Re-entry	8494.4	461.5	AAA
				Re-entry	12767.6	685.9	A
Coker Golden Dianthus 177324, A. R. 24165	8864.8	480.4	F	Flodell Carnation 80209, A. R. 12905	9481.4	479.3	D
				Re-entry	8494.4	461.5	AAA
				Re-entry	12767.6	685.9	A
Coker Moss Marigold 158396, A. R. 24909	9540.1	557.3	A	Moss Violet of Elmendorf 77948, A. R. 13869	7320.2	404.9	A
Coker Viola Aurea 196397, A. R. 26921	8719.1	458.7	DD	Violet of Orchard Springs 102631, A. R. 15311	11934.5	680.9	DD
				Re-entry	16939.6	961.2	A
Coker Gloria 236405, A. R. 27364	9899.3	523.6	E	Helen Gould of Coker Farms 134984, A. R. 18120	11755.0	657.2	EE
				Re-entry	12856.8	706.3	A
				Re-entry	14203.3	754.4	A
Ophir's Lillian 220377, A. R. 27706	9214.3	453.2	DD	Lillian's Pride of Mara Alva 89632, A. R. 13243	7729.3	407.1	E
Coker Glory Rose 254674, A. R. 27820	10803.3	602.2	G	Coker Queen of Glory 180627, A. R. 21719	6805.2	366.9	GGG
				Re-entry	8241.8	439.7	EEE
				Re-entry	13598.4	701.0	A
Coker Carnation 234483, A. R. 27969	9563.5	517.6	F	Flodell Carnation 80209, A. R. 12905	9481.4	479.3	D
				Re-entry	8494.4	461.5	AAA
				Re-entry	12767.6	685.9	A
Coker Silver Amelia 260983, A. R. 28793	9345.4	483.4	G	Coker Silver Grape 187467, A. R. 22299	10247.6	613.1	GG
				Re-entry	13695.4	774.6	AA
Coker Amelia Rose 259914, A. R. 29260	12243.8	589.4	G	Mimosa Gaiety 231522, A. R. 21988	10318.8	595.6	D
				Re-entry	8007.8	469.8	BBB
Mount Hope Quassia 270445, A. R. 30838	10501.6	573.3	F	Mount Hope Margaret 120143, A. R. 16152	7667.8	416.3	GG
				Re-entry	9010.5	476.6	AA
				Re-entry	9756.6	492.2	AA
Amelia Rilma 245014, A. R. 31088	9906.2	536.8	C	May Rilma of Brice Farm 118784, A. R. 24381	9195.6	488.9	A

HERD IMPROVEMENT RECORDS

Approved Records H. I. 518 to H. I. 532 with Re-entries

(Grade records and records that did not qualify are also listed)

H. I.	NAME AND NUMBER	Class	Req. of B. Fat	Days in Milk	Number Milkings Daily	Lbs. Milk	% of B. Fat	Lbs B. Fat
Appleton, Francis R., Jr., Appleton Farms, Ipswich, Massachusetts.								
521	Argilla Anna Bell 2d 296129	GHI	254.8	365	2–365 d.	7258.9	4.48	325.5
	Dixie of Turner Hill 304685	GHI	251.9	304	2–300 d; 1–4 d.	5365.1	4.55	244.3
R137	Meredith Primrose 293186	CHI	331.1	345	2–338 d; 1–7 d.	8140.3	4.42	359.9
R138	Meredith Tulip 293185	CHI	333.6	308	2–304 d; 1–4 d.	6307.9	4.61	291.0
522	Rose of Appleton Farms 309080	GHI	262.2	335	2–325 d; 1–10 d.	5270.3	6.00	316.2
Gilmore, T. W., Fern Crest Guernsey Farm, Sandersville, Georgia.								
523	King's Georgia Peach 357810	GHI	254.8	365	2–365 d.	5769.0	4.67	269.4
Hayden, Rosaline B., Miss, Kitchener Farm, Billerica, Massachusetts.								
R74	Faith of Kitchener 249938	CHI	332.1	316	3–124 d; 2–181 d; 1–11 d.	8555.4	4.36	373.0
Joyce, Howard F., Ashland, Wisconsin.								
524	Chequamegon's Generous Pearl 288026	FHI	278.3	341	2–326 d; 1–15 d.	6954.6	5.64	392.2
525	Chequamegon's Golden Gloriana 128487	AHI	360.0	279	2–271 d; 1–8 d.	7531.1	5.45	410.5
526	Chequamegon's Lady Fawn 180448	AHI	360.0	365	2–365 d.	7926.9	4.93	390.9
527	Chequamegon's Minuet 288027	FHI	276.6	344	2–341 d; 1–3 d.	5860.5	5.73	336.0
528	Golden Masher's Ada 252703	DHI	320.9	334	2–329 d; 1–5 d.	8070.5	4.75	383.2
529	Golden Masher's Irene 252704	DHI	322.7	296	2–294 d; 1–2 d.	7375.0	4.85	358.0
Missouri Improvement Company, Sunnymede Farms, Bismarck, Missouri.								
518	Lillian of Mineral Springs 88455	AHI	360.0	365	3–232 d; 2–133 d.	12919.6	4.15	535.8
	Sailor's Susan of Morven 197444	AHI	360.0	365	3–177 d; 2–188 d.	7478.2	4.19	313.2
519	Sunnymede Molly 374698	FHI	285.4	365	3–268 d; 2–97 d.	8230.4	4.12	339.4
Robertson, James B., Mid-Cutstraw Farm, Paoli, Pennsylvania.								
531	Morningside Esther 171352	AHI	360.0	365	3–341 d; 2–24 d.	10914.1	4.89	534.0
Shipley School, Bryn Mawr, Pennsylvania.								
530	Brownlie Flower 304328	GHI	261.0	365	3–329 d; 2–20 d; 1–16 d.	11677.4	4.85	566.9
South Dakota State College, Brookings, South Dakota.								
532	College Ultimas' Olga 310974	GHI	250.5	365	2–365 d.	7748.1	4.71	364.7
Williams, Richard E., Nakoma Farms, Fairport, New York.								
	Allowayne Doris (grade)	CHI	331.7	284	2–284 d.	7444.5	4.42	329.3
	Allowayne Vesta (grade)	AHI	360.0	215	2–215 d.	6759.5	3.68	248.5
R20	Transaval Nora 272826	BHI	354.0	307	2–307 d.	8148.3	4.48	364.9
	Re-entries R							

Advanced Register Notes

(*Continued from page 402*)

Lynbrook Silver Cloud 153439. Breeder: T. P. Lindsay, Southboro, Mass. Owner: T. P. Lindsay, Southboro, Mass.

Virginia's Woodrow 98450. Breeder: George Steelman, East Bend, N. C. Owner: G. A. Ryan, Winston-Salem, N. C.

Lindenhurst May King 110367. Breeder: Ernst E. Lehmann, Lake Villa, Ill. Owner: University of Illinois, Urbana, Ill.

Bell's Harvester 108705. Breeder: S. W. Miller, Mount Ulla, N. C. Owner: George Watts Hill, Rougemont, N. C.

Dunwalke Bonny Butterfat 138488. Breeder: Clarence Dillon, Bedminster, N. J. Owner: George M. Hendee, Suffield, Conn.

Luxerin Bonelcho 93656. Breeder: R. P. Guptill, Elcho, Wis. Owner: Alfred M. Anderson, Denmark, Wis.

Kenfleur's Beda's Prince 132096. Breeder: H. C. Horneman, Danville, Ill. Owner: Walter Matthys, Barron, Wis.

Betsey's Emblem 126428 (Imp.) Breeder: N. A. Naftel, Island of Guernsey. Owner: R. B. Caldwell, Chester, S. C.

Venture of Edgemoor 65894. Breeder: W. H. Dupee, Santee, Calif. Owner: Kansas State Agricultural College, Manhattan, Kans.

Wendmere King 130627. Breeder: Charles H. Jones, Wellesley Farms, Mass. Owner: T. W. Gilmore, Sandersville, Ga.

Foremost's Generous Yeoman 145705. Breeder: J. C. Penney-Gwinn Corporation, Hopewell Junction, N. Y. Owner: Howard F. Joyce, Ashland, Wis.

Chequamegon's Golden Masher 86970. Breeder: Chequamegon Guernsey Association, Ashland, Wis. Owner: Howard F. Joyce, Ashland, Wis.

Corium Ultimas' Jeremiah 158784 Breeder: F. J. Rueping, Fond du Lac, Wis. Owner: South Dakota State College, Brookings, S. Dak.

South African Guernsey

(*Continued from page 397*)

had been returning an average of fifty-two pounds of butter fat a month.

These are sample performances, but they are not by any means rare, and with such quality sires as have been imported during recent years, it is safe to prophesy records even approaching that of the wonderful "Peggy" by South African bred animals in the not far distant future.

The point about Guernseys is that they have the size to produce a quantity of milk (a ten gallon yield was reported in the "Weekly" recently) as well as butter fat; they are hardy and good foragers; they are early maturing and start working early in life; and they are steady and persistent servants which, with fair treatment, will go on giving economic milk yields even at great ages. A cow at Shavington, Market Drayton, England, for instance, is thirty-two years old and is still keeping her end up in her owner's herd. Thus depreciation is almost cut right out with Guernseys. Like the public with regard to their milk, they only need to become known to take on with our hard-headed South African farmers.

WHAT THE COWS ARE DOING

Their Latest Credits in the Advanced Register

***SPECIAL NOTE:** This list contains the total credits as checked at the time of going to press. Any omission signifies that either data had not been received in time or are held pending verification. These credits are subject to verification and correction until final approval and acceptance and all are made on the one-day basis except as otherwise indicated.*

Re-entry test is indicated by a * before the cow's name. Farmers' Class record is indicated by a †

Name and Number	Class	Days	Total Credit Lbs. Milk	Total Credit Lbs. B. Fat
Andrus, J. E., Jr., Tianna Farms, Walker, Minn.				
*Tianna's Carmen 277048	D	137	5748.8	299.46
Tianna's Evangeline 320173	G	302	8248.8	461.90
Tianna's Island Duane 320171	G	365	9631.9	531.7
Tianna's La Noce Edna 320180	G	170	5556.8	276.20
Tianna's La Noce Emily 321615	G	192	6587.5	360.98
Tianna's La Noce Evaline 321614	G	218	5755.4	328.95
Austin, R. J., Liseter Farms, Newtown Square, Pa.				
Clover of Liseter Farm 332895	E	273	7471.5	396.39
Gem of Liseter Farm 267846	D	207	9522.2	536.49
Sunny Creamcup of Liseter Farm 347991	G	297	9460.8	527.68
Baumgartener Brothers, Grandvu Farm, Wrightstown, Wis.				
Grandvu Roselyn 361682	G	365	8982.4	519.0
Grandvu Ruthella 359597	G	365	8727.8	538.2
Grandvu Susan 253594	A	365	11268.1	587.2
Beardsley, A. H., Starr Farm, Elkhart, Ind.				
Broadcaster's Flossie Fluff 311127	C	191	6234.1	300.87
Elm Row Pride Blizzard 367090	G	199	5060.9	300.67
Fluff of Watervliet 240461	A	59	2795.0	141.98
S. Lily Ella's Floyd B. 105093				
D. Pudge of Watervliet 152891				
Franchester Royal Belle 208676	A	202	8371.1	373.99
Haven Hills Lady Ann 313445	F	199	3265.5	169.01
*Lady Worthmore of Rollwood 161842	A	199	8147.4	352.37
Starr Farm Linwood Girl 334275	G	41	1400.4	56.94
S. Linwood's Sovereign 128176				
D. Jessie of Watervliet 254031				
Cassatt, E. B., Est., Chesterbrook Farm, Berwyn, Pa.				
*†Ada Butterscotch 284108	E	251	6685.2	335.37
†Agnes Hyacinth 289084	E	173	4700.4	232.30
†Duchess Hyacinth 315025	G	247	4442.8	243.68
†Egg Nog 310493	G	272	5595.0	317.90
†Fancy Hyacinth 310494	F	120	3972.2	183.08
†George's Hyacinth 310491	G	305	6497.4	362.3
†Honor's Toddy 321378	G	117	3034.9	127.62
*†Kitty Hyacinth 252837	C	188	7138.6	308.04
†Lizzie Hyacinth 301259	G	305	5179.6	274.7
†Nannie Hyacinth 310492	G	305	7441.1	333.3
†Pussy Hyacinth 314346	G	212	5089.9	245.20
*†Rose Hyacinth 238472	A	240	8626.7	417.94
†Sally Butterscotch 316983	F	56	1292.4	54.48
S. Washington's Toddy 135100 A. R.				
D. Susanna Butterscotch 256272 A. R. 28275				
†Spotted Hyacinth 298548	G	304	5351.3	279.92
*†Violet Hyacinth 184630	A	251	9199.2	441.84
Clemson Agricultural College, Clemson College, S. C.				
Marmion's Foremost Caprice 315153	G	111	2942.6	153.90
Marmion's Foremost Crotchet 315154	G	158	3972.5	211.34
*Marmion's Roberta 239560	B	284	8546.3	421.88
Colorado Agricultural College, Fort Collins, Colo.				
*College Mary May 270604	C	127	3629.1	191.26
College Peggy 296176	F	315	9124.0	454.10
Little Peggy 323535	F	102	3488.9	179.67
*May Amelia 226574	A	171	7499.0	356.32
May Cloud 328103	G	155	4436.5	246.24
*Peggy's Mary May 170327	A	331	8420.7	453.46
War Cloud's Belle Marshall 304111	F	153	3871.3	206.42
*War Cloud's Clara May 304110	E	92	3733.1	169.54
Dickinson, John L., Charleston, W. Va.				
Regina of Hilldene 307064	G	322	11432.2	555.32
Dillon Clarence, Dunwalke Farm, Bedminster, N. J.				
†Dunwalke Brilliant Flower 317092	G	67	2517.5	143.76
S. Dunwalke La Fleur's Governor 166850				
D. Dunwalke Brilliant's Glow 202286 A. R. 24455				
Fleischmann, Julius, Winding Creek Farm, Blue Ash, Ohio.				
Flower Lass of Winding Creek 304016	G	365	8613.3	437.1
Flinn, Ralph E., Beechwood Farms, Sharpsburg, Pa.				
*Beechwood Fancy 269479	D	365	8963.8	513.1
*Beechwood Mary Louise 260358	B	160	6744.6	299.35
Beechwood Rainbow 296510	D	72	2672.2	120.48
S. Langwater Rameses 130281 A. R.				
D. Beechwood Ocean Princess 235742 A. R. 26088				
Beechwood Rose Gold 312440	F	193	5216.7	300.50
*Brooklandwood Golden Queen 202031	A	151	6782.4	341.75
*Heartwood Ona 277725	C	145	6547.1	309.67
Royal's Betty of Locust Dale 228871	A	178	8220.1	400.81
Gile, Albion L., Chicona Farm, Chinook, Wash.				
†Arla Belle of Chicona 313686	D	198	5038.1	276.37
†Bright Eyes of Chicona 318200	F	194	5905.9	288.48
Delight of Chicona 120585	A	192	6069.8	309.96
†Dorothy L. of Chicona 285249	D	189	4814.6	276.50
Joyce of Chicona 186585	A	345	9201.4	526.90
Mayflower of Chicona 195950	A	337	9989.9	490.03
Griffin, Harry S., Est., Nabnasset Farm, Nabnasset, Mass.				
Imp. Bettie of Nabnasset 333822	D	273	9704.6	513.34
Imp. Blossom of Nabnasset 320138	D	333	12937.8	619.9
*Imp. Charmeuse of Ponchez 253818	A	309	16817.4	919.97
Imp. Mona IV. of the Courtillion 253816	A	351	11952.8	578.88
Nabnasset Blanchette 338661	G	365	11569.8	611.9
*Queen's Dawn of Shattoockquis 193683	A	365	15560.2	780.4
Hast, A. W., Cedar Grove Farms, Berlin Heights, Ohio.				
†Virginia of Cedar Grove 321636	F	125	4063.3	189.04
Heifner, C. B. & Son, Villa-Way Dairy Farm, Sullivan, Ohio.				
Irene of Villa-Way 257658	B	151	6575.0	343.06
Marigold of Villa-Way 295061	A	142	5935.6	317.37
Horneman, H. C., "Kenfleur," Danville, Ill.				
Kenfleur's Aline Crescent 263743	E	365	12391.1	572.7
Kenfleur's Crescent Bell 374959	F	144	4958.7	232.59
Kenfleur's Judith Crescent 256607	B	241	5977.5	342.33
Kenfleur's Princess June 374960	G	146	3886.3	192.19
Kenfleur's Seven Spot 375518	G	119	2761.9	162.64

Kenfleur's Sweetheart Crescent 283308 D 135 3820.0 208.61

Huston, T. L., Brunswick, Ga.

Coker Virginia Carnation 296551 G 365 13427.8 656.3

Klondike Gay Echo 335930 G 81 2646.6 120.79

S. Foremost's Gay Lad 117256 A. R.

D. Imp. Tricksey of Le Belle 263653

Iowa State College, Ames, Iowa. 1 & 2 day tests.

Ames Absalom Lass Alpha 281696 C 231 8550.9 426.10

Ames Absalom Lass Beta 281697 C 228 9162.8 422.81

*Ames Jewel Lass Alpha 283075 D 314 11662.1 593.04

Kaufman, L. G. & M. Y., Loma Farms, Marquette, Mich.

*Loma Rilma 228136 A 365 15918.6 931.7

Klauder, George C., Valleywood Farms, Penllyn, Pa.

†Afric's Flora 186618 A 53 1957.9 87.13

S. Wyebrook Africus 71635 A. R.

D. Florham Excellent 133108

†Gloriosa of Cinchona 308761 G 247 5635.4 294.42

†Pencoyd Cavell 294162 D 179 4275.0 219.50

†Valleywood Beauty 312551 F 148 3786.6 173.17

†Valleywood Dora 312553 G 259 5545.5 260.49

†Valleywood Favorite 312550 G 305 7334.7 293.0

†Valleywood Prophetess 331014 G 111 2509.6 124.61

†Valleywood Retta 331015 G 113 2255.2 114.53

†Wasteland Dora 184901 A 114 3307.5 155.24

Lewis, Clarence McK., Skylands Farm, Sterlington, N. Y.

*Chedco New Year 243962 B 212 5376.7 324.00

*Fairydale Anemone 220648 A 217 7970.3 461.56

*Fairydale Primrose 234057 A 65 2842.9 153.64

S. Langwater Archer 53844 A. R.

D. Caribou Primrose 87287 A. R. 12461

*Langwater Lady Nancy 195135 A 113 4863.9 261.93

S. Beechwood Hercules 86275 A. R.

D. Beechwood Lady Nancy 154931

*Mixter Pippin 101644 A 116 4889.4 274.45

Skylands Blossom 295204 F 365 8270.8 513.2

Skylands Boprim 319627 G 142 3673.9 186.72

Skylands Echodale 321761 G 69 1102.2 62.63

Skylands Echorose 321762 G 242 4397.0 222.48

Mallet-Prevost, S., "The Crags," North Conway, N. H.

Bluebell of the Crags 285658 E 252 7184.3 377.48

Violet of the Crags 285657 E 259 8037.6 370.10

Wentworth's Princess 279825 C 322 11083.9 575.32

Matthews, Clarence H., Mt. Pleasant Guernsey Farm, South Bend, Ind.

†Agnes Hebe 331897 G 101 2995.9 146.62

†Best's Hebe 317443 E 32 1169.1 46.76

S. Shuttlewick Herod 122661

D. Lady Jane's Best 262210

†Glenwood's Shirley 232446 A 10 359.0 22.08

S. Shoreland Gallant 89595 A. R.

D. Glenwood's May Rose Easter Greeting 87656 A. R. 9314

†Grace's Hebe 327498 G 136 3348.9 147.31

†Lady's Hebe 317444 F 37 1453.2 64.88

S. Shuttlewick Herod 122661

D. Lady Jane of Richland 185290 A. R. 23884

†Lou's Marjorie 233641 A 181 6095.0 297.77

†Reba of Hickory Grove 335467 G 43 1082.6 50.59

S. Cowham's Ultra Monarch 114602 A. R.

D. Ruth Ann's Susie 180998

†Ultra Beth of Hickory Grove 249079 A 22 635.7 40.37

S. Cowham's Ultra Monarch 114602 A. R.

D. Beulah of Hickory Grove 130663

Merrill, S. M., Argilla Farm, Ipswich, Mass.

*Argilla Dolly Cinders 273164 C 46 1974.8 91.63

S. Dolly's Foremost of High Rock 67827 A. R.

D. Argilla Charity 161011 A. R. 19040

Argilla Faith's Dolly 292469 E 253 9588.0 490.83

Argilla Foaming 292472 F 365 10496.6 628.2

Argilla Forgiveness 314385 G 228 6543.9 348.51

*Argilla May Lena 251189 B 365 10931.8 763.6

*Argilla Nora 181716 A 158 7464.2 362.24

Argilla Sensation 303090 G 365 8691.1 492.0

Argilla Sunbeam 294255 F 312 7203.4 413.21

*Palotterie of Fairview Home 313113 D 365 16245.5 812.4

Miller, Harlan, Whimsy Farm, Arlington, Vt.

Victory of Whimsy 280787 D 261 7933.8 418.96

Whimsy West Wind 341073 G 138 3576.0 197.04

Whimsy Wilma 323442 F 201 5164.8 292.26

Miller, John A., Meadowbrook Farm, Nazareth, Pa.

Highland Farms Neptune's Winner 242831 A 17 592.9 29.59

S. Albamont Neptune 87421 A. R.

D. Highland Farms Peerless Daughter 195783 A. R. 19320

Lady Dawn of Meadow Brook 327470 G 61 1869.0 79.62

S. Albamont Neptune 87421 A. R.

D. Lady Dawn of Rockingham 121061 A. R. 17126

Neptune's Marie Antoinette 331445 G 30 1248.3 53.55

S. Albamont Neptune 87421 A. R.

D. Willmere's Marie Antoinette 248461 A. R. 25766

Minotto, James, The Mission Ranch, Phoenix, Ariz.

Isabelle of Mission Ranch 327532 F 110 3607.6 156.24

Sunland Park Trilby 252992 A 207 6968.2 362.22

*The King's Rosie of Idaho 162035 A 365 14697.2 682.8

Woody Nook's Isabelle 187012 A 83 3765.9 183.13

Moore, Edward S., "Ten Gables," Roslyn, N. Y.

†Daffodil of Ten Gables 347955 G 214 5599.3 248.44

*Harmonica of Ten Gables 270277 C 223 7749.5 350.88

Moore, Paul, Mr. & Mrs., Hollow Hill Farm, Convent, N. J.

*†Bonny Bess of Fairview Farm 4th 225383 A 138 6268.6 304.14

†Convent May Belle 264864 C 143 5481.2 255.54

Munn, Wayne A., Janesville, Wis.

†Valentine Lorretta 312193 G 292 5975.2 297.9

†Valentine's Honour Beautiful 348874 E 51 1900.2 90.22

S. Imp. Cherry's Honour 71088 A. R.

D. Valentine's Islander's Beauty 182123 A. R. 26778

†Valentine's Honour's Lass 299966 G 305 6500.7 306.1

†Valentine's Mammie 352254 G 305 7517.0 375.8

*†Whiteash Valentine Cherry 273974 C 94 2893.0 130.06

New Mexico College of Agriculture & Mechanic Arts, State College, N. Mex.

*N. M. A. C. Louise Absolute 261608 C 52 2544.9 157.82

S. Liberty's Absolute 127687 A. R.

D. Rose Prevosts of Fryin Pan 135469 A. R. 24051

Nichols, Boyce, Great Falls, S. C.

Hazelwood's Betsey 268054 E 223 6223.5 282.63

Nichols, George, Cold Spring Harbor, N. Y.

*†Griselda of Cold Spring Harbor 287646 D 181 6469.8 345.33

Pelouze, William Nelson, "Alta Vista," Lake Geneva, Wis.

Foremost May Royal's Secret 306929 F 121 4586.3 231.38

*Ma Chere Midday 110033 A 365 12360.2 615.9

Pearl's Secret 2d 281862 F 365 9599.6 526.2

Rockingham Gay Girl 356496 G 291 9121.3 434.93

Thankful of Alta Vista 311036 F 107 3228.2 167.53

*Ultra Clove of Alta Vista 237654 B 365 10948.0 590.6

Phillips, T. Redfield, Phillips Farm, Montpelier, Vt.

Phillips Anne 318704 F 97 3236.3 142.94

Phillips Laundress 309508 F 73 2332.9 113.90

S. Phillips Challenger 161234

D. Phillips Huntress 245045

Pyle, E. Baker, Brightside Farm, Phoenixville, Pa.

*†Brightside Martha 292983 E 203 6377.6 340.15

Brightside Polly 321919 G 259 6791.8 321.96

*†Brightside Ultra Mary 238334 A 120 5038.6 251.24

*†Daylo Sunflower 197709 A 208 6511.6 337.78

†Monogram's Frankie 328415 G 198 6019.8 280.80

Monogram's Mazie 328416 G 242 6865.6 324.09

Reith, W. O., Reith Dairy Farm, Astoria, Oregon.

Cream Cup Lady of Willowwood 294811 F 365 8659.0 487.5

Daisy of Eastland Meadows 220800 A 303 7466.8 394.10

Lily's Dairymaid of Willowwood 138844 A 365 12344.2 520.7

Star's Amy of Willow-wood 299761 G 365 6911.4 440.6

Reynolds, Dorrance, Goodleigh Farm, Dallas, Pa.

Goodleigh Flower of Phoebe 324649	G	95	4604.2	176.62

Rice, W. B., Est., Fox Run Farm, Peterboro, N. H.

Fox Run Beth 289666	D	134	4377.7	215.14
Fox Run Lucia 322265	F	121	3004.3	165.47
Fox Run Millicent 322266	F	110	3055.2	142.91

Roosevelt, Nicholas G., Gippy Plantation, Moncks Corner, S. C.

Achilles' Gippy Emily 311828	F	156	5839.9	250.61
Besse's Gippy Carolyn 296433	G	335	13095.1	522.66
Buttercup's Gippy Nell 280332	F	365	10337.7	514.0
Elsie's Gippy Constance 296435	F	155	6801.2	249.42
Foremost's Gippy Belle 311826	F	172	4953.8	204.37
Foremost's Gippy Coquette 311827	F	20	711.5	32.02
S. Francesca's Foremost 156913				
D. Coquette of Montfaucon 210544				
Foremost's Gippy Pride 326479	G	235	7609.6	351.41
Gippy Christine 296434	G	365	9803.8	495.3
Josie of Cedar Crest Farm 272422	D	262	8419.1	416.64
Josie's Gippy Radiance 296431	G	365	9932.7	447.8
Leader's Eileen 311043	F	182	5731.5	250.16
Lindy's Alice 317365	F	72	2711.6	127.12
S. Nonpareil's Lindy of Breidablik 141613				
D. Queen's Alice of Rich Grove Farm 161480 A. R. 24662				
May King's Gippy Delight 321437	G	59	1592.6	80.20
S. Foremost's May King 90308 A. R.				
D. Dairy Girl's Princess 241394 A. R. 26364				
Moneymaker of Maplelawn Farm 158252	A	176	6783.5	309.47
Patsey of Hickory Ridge 311667	F	260	7273.6	336.66
Poheja's Spotted Gay Girl 309208	G	346	7812.7	376.22
Poheja's Sunny Anne 332919	G	20	527.2	25.78
S. Sunny Gem of Liseter Farm 156181				
D. King's Anna of Poheja Farms 223785				

Rueping, F. J., Corium Farm, Fond du Lac, Wis.

Corium Pride's Kanita 291035	E	255	9013.9	483.03
Corium Ultimas' Kitty 282269	E	311	13339.2	580.57
*Corium Ultivan Kit 286066	E	256	8744.3	399.45

Russell, James E., Glenburnie Farm, Trenton, N. J.

Glenburnie Daisy Jardiniere 307273	F	166	5861.1	286.21
Glenburnie Ida 296038	E	154	5184.7	278.82
Glenburnie Janet 319491	G	114	4009.8	181.55
Glenburnie Jean 322663	G	212	6028.2	301.31
Glenburnie Jolly 322664	G	181	5220.9	247.58
Glenburnie Joy 307852	F	94	3609.5	180.63

Ryder, Grace G., "Alcluyd," Berwyn, Pa.

Alcluyd Buttercup 294829	E	237	8167.0	382.16
Alcluyd Pearl 373042	G	159	5127.6	214.26
Cloverbelle of Alcluyd 294830	E	147	4384.6	194.63
Coralbelle of Alcluyd 366852	G	258	8133.7	317.24

Salley, George B., Rivelon Farm, Orangeburg, S. C.

Rivelon Alice 357858	F	365	7869.0	378.6
Rivelon Daisy 245434	C	365	8325.9	393.4
Rivelon Faithful Peggy 358920	F	365	9326.9	448.5

Salsbury, B. F., Willowmere Farms, Fairfax, Va.

Willowmere Belle 310888	F	112	3947.2	156.37
Willowmere Bountiful 310889	E	46	1914.1	81.16
S. Willow Brook Bright Lad 72162 A. R.				
D. Willowmere Buttercup 216541				
Willowmere Coquette 290789	D	58	2284.1	97.51
S. Willow Brook Bright Lad 72162 A. R.				
D. Willowmere Golden Victory 172837				
Willowmere Princess Ann 331321	G	70	2553.1	107.38
S. Willow Brook Bright Lad 72162 A. R.				
D. Willowmere Golden Princess 213694				

Sands, Daniel C., Benton Farms, Middleburg, Va.

Benton's Babette 306232	E	108	4168.5	192.09
S. Langwater Dairyman 87893 A. R.				
D. Benton's Beth 224445				
Benton's Genevie 263866	C	142	6833.2	288.15
Goodstone's Fashion Frances 323717	G	169	4994.5	252.36

Seymour Brothers, Grenfel Farm, West Allis, Wis.

Grenfel Countess 362582	G	339	8115.5	421.61
Grenfel Gloria 298088	C	307	8209.0	448.87
Grenfel Royal Glory 362584	G	349	10030.5	461.05
Grenfel Violet 363827	G	271	6406.3	325.32

Sills, W. C., Alfalfa Farm, Topsfield, Mass.

†Argilla Lute 337674	G	65	1835.4	96.19
S. Argilla Searchlight 170903				
D. Lute of Indian Ridge 233127 A. R. 26390				
†Chestnutwold Fanny 305928	E	31	1027.1	47.66
S. Dunwalke Fanny's Honour 130986				
D. Pansy Starlight 2d 222413 A. R. 23738				
†Myrtle's Valentine 315734	G	243	5837.5	277.94
†Primrose Brilliant 320798	G	290	6315.8	330.99
*†Que Vive Honeymoon 286957	D	107	3044.4	190.97
Souvenir's Merry Claremont 302950	F	212	5049.0	257.59

Skaar, M. S. & C. A., Cor-Alfa Farm, Hayward, Minn.

Anna Lou of Cor-Alfa Farm 293960	F	154	4086.1	215.17
†Lucy of Cor-Alfa Farm 307224	E	74	2169.9	108.50
S. Bravo of Cor-Alfa Farm 2d 133094				
D. Lucille of Cor-Alfa Farm 142081 A. R. 18294				
†Marguerite of Cor-Alfa Farm 317347	F	57	1823.3	84.96
S. J. Cyrus of Cor-Alfa Farm 112272 A. R.				
D. Valentine of Cor-Alfa Farm 92732 A. R. 13170				
Mildred of Cor-Alfa Farm 283098	D	125	3969.7	225.50
†Princess of Cor-Alfa Farm 312158	F	132	2725.2	145.03
Tulip of Cor-Alfa Farm 317348	F	141	3365.4	180.88
†Vange of Cor-Alfa Farm 296796	F	114	2855.0	153.60

Smith, A. Macrae, Fircrest Farm, Lynden, Wash.

Fircrest Nasturtium 213708	A	365	18115.7	939.6

Smyth, Henry Lloyd, Home Hill Farm, Plainfield, N. H.

Adeline of Home Hill 260521	B	169	5456.6	317.06
Antoinette of Home Hill 297608	F	262	8295.7	451.32
Antonia of Home Hill 225652	A	281	7377.2	423.06
Bellora of Home Hill 245528	A	358	12305.2	696.00
Emily of Home Hill 297046	F	358	11257.1	630.38
Margarita of Home Hill 140137	A	61	3078.2	146.33
S. Falcon's Deputy 54476				
D. Uncle Sam's Miriam 93210				
Praeli Ilse of Home Hill 170394	A	300	10214.1	576.91

Stone, Carrie M., Great Hill Farm, Marion, Mass.

Great Hill's Coco 285869	E	121	4263.4	231.41
Great Hill's Kindness 313770	G	228	6705.6	367.36
Great Hill's Peony 288646	E	134	4461.1	239.72
Great Hill's Pollyana 290011	E	115	3746.7	220.40
Great Hill's Prior's Pride 321131	G	151	4283.7	214.05

Stroud, Louise, Richburg, S. C.

Dorosa's Dot 326631	G	40	1121.4	56.08
S. Appin's Demonstrator 97996 A. R.				
D. Napoleon's Pride's Dorosa 236822				

Talmage, John F., Audley Farms, Mendham, N. J.

†Imp. Audley Daisy 268637	D	271	7344.5	383.06
†Audley Lily G. 268636	D	166	4635.8	243.03
†Audley's Countess 326031	G	97	2396.4	118.91
S. Imp. Bickleigh Chieftain VII. 140783 A. R.				
D. Imp. Osceola Isabel 263644				
Audley's Prairie Poppy 322863	G	231	6021.9	271.27
†Audley's Princess 313279	G	264	8937.5	377.19
†Audley's Princess Pat 326030	G	97	2427.2	111.93
S. Imp. Audley's Valentine 112839				
D. Imp. Candie's Sylvia 275175 A. R. 28466				
†Audley Sweet Brier 291167	E	243	7438.2	320.67
*Imp. Blanchette of Bickleigh 239229	A	137	6222.7	306.23
*†Coventry Fanny Bud 251114	C	204	7259.3	369.90
*Imp. Fanny's Queen Valentine of Melrose 175179	A	80	4923.9	210.32
S. Imp. Coventry Valentine's Honour 104965 A. R.				
D. Fanny's Queen of Moinerie R. G. A. S. 17090 P. S.				
*Imp. Lively IV. of Tamworth 263641	A	248	9061.1	417.35

Taylor, George B., White Swan Farms, Fairview, Pa.

*Green Meadows Lady May 187706	A	365	9890.0	497.8

Thayer, A. D., Gwynllan Farm, Gwynedd Valley, Pa.

Imp. Honeysuckle of the Grove 332681	G	232	6512.6	329.3
Jethro's Evelyn of Harriton 264175	A	344	11863.7	493.72
Lady Susan of Hilldene 309434	G	332	12329.0	565.27

Verdery, W. E. & Son, Verdery Farm, Orangeburg, S. C.

Hayes Queen of White Oak 165239	A	365	10098.4	508.6
Hoffmeyer's Annie Mae 271340	A	89	3831.6	158.34
S. Colonial Butter Boy 108220				
D. Hoffmeyer's Bonnie Girl 189307				
Honey of Verdery Farm 318616	D	362	8090.7	396.6
Katherine of Verdery Farm 318617	E	357	8510.6	457.03
Lassie of Verdery Farm 319505	E	243	7052.9	353.64
*Mimosa Marie 245544	A	192	6860.7	312.76
*Morven's Sunshade 188715	A	131	4908.0	207.66
Rich Girl of Verdery Farm 346589	E	335	9438.6	449.22
Sumter Countess May 265025	A	109	3952.8	191.45
S. Countess Dairy of Elmendorf's Lad 104791				
D. Sumter May Belle 189765				

Wallin, F. W., Wallinwood Farms, Jenison, Mich.

Wallinwood El Dorado's Julia 196706	A	321	7787.7	367.06
Wallinwood King's Duchess 196707	A	316	8541.6	444.38
Wallinwood Valor's Dairymaid 277035	D	365	11180.7	552.2

Weyenberg, F. L., "Wey Acres," Thiensville, Wis.

Corium Ultimas' Kathleen 286065	E	365	8913.4	493.3
*Moose Valley Glen 189649	A	348	10637.5	571.19

Weyenberg, Helen J., "Wey Acres," Thiensville, Wis.

Boulder Bridge Dardenella 325703	G	351	7222.8	409.24
Caumsett Northern Blossom 287551	D	52	1841.2	82.85
S. Langwater Northerner 113149 A. R.				
D. Westview Lotus Flower 169065 A. R. 21490				
Wild Farms' Ultra Eva 225301	A	46	2067.0	83.09
S. Ultra May Masher 68867 A. R.				
D. Iris of Wild Farms 106525				

Whitcomb, H. H., Whitcomb Farms, Littleton, Mass.

†Diana of Nashawtuc 306158	G	305	7236.4	378.4
*Doxy Lou of South Street 152432	A	319	8248.1	405.18
*†Greyholme's Choice Christine 260166	B	102	5315.5	282.46
†Greyholme's Golden Valda 290939	D	101	3261.3	146.35
†Greyholme's Slogan's Blanche 290941	D	139	3791.4	179.56
†Nashoba Nobleman's Pride 379334	F	45	1185.9	55.33
S. Imp. Nobleman of Coon Tree Hill 112722				
D. Pride of Coon Tree Hill 218526				
†Nashoba Steadfast Priscilla 351125	E	292	6878.0	327.0
Primrose of Gay Farm 194204	A	365	10414.5	505.3
Princess Flora of Nashawtuc 327276	G	260	7369.4	323.18
†Princess Juliana of Nashawtuc 327277	G	160	3661.4	168.80
†Violet's Pansy of Gay Farm 197613	A	202	6597.2	317.04

Williams, H. F., Monroeville, Ohio.

†Fisherman's Pet of Buena Vista 302019	E	95	3326.6	180.52
†Musketeer's Daisy of Lyme 328960	G	52	1611.3	63.65
S. Pencoyd Musketeer 77399 A. R.				
D. Hiawatha Edith 200027				

Willits, Robert P., Willowdale Farm, Haddonfield, N. J.

*†Wilna Graceline 312827	A	117	4814.8	218.80

Willyard Brothers, Ravenna, Ohio.

Fairfield Yellow Rose 302289	F	259	7948.7	365.06
King's Lady Annabelle 325860	D	97	4047.4	163.98
S. Leeta's King of Gilmar 123817				
D. Maples Belle of Locust View 188472 A. R. 25819				
*Silver Creek Lodge May Day Queen 215106	A	76	3775.2	149.88
S. Just It of College Hill 92738 A. R.				
D. Apollo's Virginia of Silver Creek Lodge 138588				
*Silver Creek Lodge Xmas Cheer 230370	A	77	3254.7	148.74
S. Just It of College Hill 92837 A. R.				
D. Gay Boy's Cheer of Silver Creek Lodge 175259				

Winter, Albert, Mahwin Farm, Mahwah, N. J.

*Fair Weather Gordon Dean 181094	A	341	16073.2	909.6
Florham Cheerful 278611	E	365	12938.9	634.5
*Langwater Blanchette 204357	A	249	10801.6	534.81

Woolworth, Richard W., Northshire Farm, Salem Center, N. Y.

*Poundstock of Northshire 221630	A	145	6251.5	329.60

Wright, Walter E., "Hillside Orchards," Columbus, N. J.

Gem of Hillside Orchards 320618	C	133	5351.9	248.53
S. Sunnybrook Royal Emblem 91270				
D. Highland Gem 157711				
†Lady Dahlia of Win-O-Dee 198859	A	164	5660.2	285.19
†Riverview's Governor's Laughing Water 243143	C	305	6704.8	349.3

Wright, Walter E. & Son, "Hillside Orchards," Columbus, N. J.

†Ceanna of Elmwood 228296	A	305	7496.0	379.2
Florham Mirth 183015	A	179	5789.9	271.72
†Florham Undine 226327	A	233	5225.4	252.49
Noblestone's Elsie of Mercer 276143	A	287	7334.8	323.90
†Ulrica of Centrebrook 242724	A	68	3608.8	157.32
S. King of Locust Lane 96298				
D. Valiant's Alphea of Centrebrook 179927				

Yardley, Harriet J., Wayside Farm, Mendham, N. J.

†Helaine of Wayside 256961	B	90	2702.5	126.29
†Helaine's Maid of Wayside 329541	G	116	2498.4	114.09
†Princess of Wayside 327019	G	110	2989.2	129.16
†Sheila's Colleen of Wayside 299055	E	121	3407.1	151.04
†Sheila's Pride of Wayside 329540	G	116	2681.5	129.27

Yoder, J. S., Cedar Lane Farm, Wooster, Ohio.

Elsie's Ellen of Villa-Way 315167	F	120	3926.3	201.29
†Mamie King of Cedar Lane 239074	B	303	8055.0	428.37

Windham County D. H. I. A.

THE Windham County, Vermont, Dairy Herd Improvement Association shows some excellent Guernsey cows in their report for the year ending May 1, 1933. G. J. Perkins and Son, Brattleboro, stood third in the association with thirty-four cows, largely Guernseys, averaging 8875 pounds of milk and 359 pounds of butter fat. L. C. Lovell, Bellows Falls, had seventeen Guernseys averaging 7765 pounds of milk and 339 pounds of butter fat. Grafton had nine Guernseys averaging 6588 pounds of milk and 305 pounds of butter fat.

G. J. Perkins and Son had eight Guernsey cows on the honor roll as producing at the rate of 10000 pounds four per cent milk equivalent, on mature age basis. L. C. Lovell, D. H. Wright, Bradley Farm, H. F. Weaver and Miss Myra Hopson are other owners with Guernsey cows on this list.

Charles Perkins, junior partner of the firm of G. J. Perkins and Son, is a firm believer in the value of association work in building up herd efficiency and talked recently on this subject over radio station WGY. That he and his father practice what they preach is shown by the increase in production from an average in 1927 and 1928 of 7130 pounds of milk per cow to an average for the last two years of 8666 pounds. They enter all bulls as purchased under the Vermont Proved Sire Program. Their first bull so entered will be eligible to proof through the production of records on his daughters this coming year. E. H. LOVELAND

Line Breeding For Twenty Years

(*Continued from page 393*)

ferent daughters made over 600 pounds of butter fat.

I recall it was most difficult to sell Yeoman's King of the May's sons at the early stages as people did not care for the Yeoman blood. This blood was not so eagerly sought after by the public due, perhaps, to his unknown English sire, Yeo 1440 E. G. H. B., although Imp. Yeoman 8618 was outstanding as was his daughter, Dolly Dimple 19144, out of Dolly Bloom 12770. This last cow was another really great foundation cow in the Ames herd.

Mating Results

At Mixter Farm we had faith, however, in the blood and in the bull. We had planned a breeding program and regardless of temporary public approval we intended to see things through as long as we were breeding heavy producers of good type. Along this line, it was rather odd that Yeoman's King of the May 17053, bred to Langwater Demonstrator 16451 daughters, almost always proved successful, but by breeding the latter to the former's daughters, with three exceptions, it resulted in loss of desired type. Sons of these bulls could be cross-bred either way with equally satisfactory results.

At Mixter Farm, Langwater Demonstrator's daughters were mostly bred to Yeoman's King of the May 17053. The latter's daughters were, in turn, mated to either one of two sons of Imp. King of the May 9001, Langwater Fisherman 21873 or Langwater College King 25837. Langwater Fisherman 21873 was purchased from Edmund Sears of Wayland and was out of an inbred Golden Secret cow.

"Fisherman," first at the National in 1912, was a successful sire. His forty-five tested daughters averaged 10786 pounds of milk and 541 pounds of butter fat with eleven over 600 pounds of butter fat. These cows were all very uniform, having very level rump, splendid level udders, and small curved horns, but they were a bit small and too refined. Most of Fisherman's daughters were later bred to Mixter May Royal 65203, that maintained what had been created but improved the next generation in size and constitution.

Langwater College King 25837

At the time of purchasing "Fisherman," I took to Mixter one of the greatest Guernsey bulls I have ever seen. This was Langwater College King 25837, by Imp. King of the May 9001, a son of Imp. Itchen Daisy 3d 15630, out of Imp. Hayes Rosie 3d 15477, a daughter of Imp. Hayes Rosie 15476. This bull was exactly what I wanted in blood lines and in addition was of good size and superb conformation. He had thirteen daughters averaging 13974 pounds of milk and 679 pounds of butter fat, including Mixter May Princess 124204, grand champion at the 1924 National. Ten of his daughters made over 600 pounds of butter fat.

Along in 1920 I purchased an exceptional line bred bull, Langwater Mixter 69371, a son of Langwater Warrior 26509 and Langwater Generous 41958, dam of Langwater Foremost 39191, Langwater Knight 46830 and others. This bull has seventeen Advanced Register daughters to date and they are mostly heavy producers.

Mixter Claymore 90060, an outstanding son of Langwater Mixter 69371, and out of a splendid daughter of Yeoman's King of the May 17053, has been a most successful sire at Biscoe Farm, Simsbury, Connecticut. This herd is owned by the veteran breeder, H. B. Tuttle, and is managed by Donald Gates who has bred some splendid cattle by crossing "Claymore" on daughters of the grand old bull, Langwater Hornet 39438.

Mixter May Royal 65203

It is interesting to note that about every good bull at Mixter Farm carried at least one cross of Hayes Rosie and Itchen Daisy 3d blood. Many had several crosses, but all had some cold or outcross blood of proved ability, carefully blended.

Langwater College King 25837 bred to the best breeding daughter of Yeoman's King of the May 17053, namely, Yeoman's Mixter Charm 73194, produced Mixter May Royal 65203. This, I think, was the best bull ever bred at Mixter Farm. "May Royal" has, to date, forty-six Advanced Register daughters averaging about 10490 pounds of milk and 530 pounds of butter fat at three years. This average is increasing rapidly. A three year old daughter, May Royal's Eloise 249165, recently topped class DD with 14498.3 pounds of milk and 870.2 pounds of butter fat, while a three year old granddaughter, Janet Hardwick 242390, recently made 15851.3 pounds of milk and 833.5 pounds of butter fat in class D. His get dominated the show rings of America in 1928 and 1929. He won the get of sire at two Nationals and fifteen state fairs for Emmadine Farm under the warmest competition.

Emmadine Breeding Nucleus

In 1925, Jimmy Dodge and J. C. Penney purchased a breeding nucleus from Mixter Farm, including such line bred animals as Mixter May Royal 65203, by Langwater College King 25837; Mixter May Princess 124204, by Langwater College King 25837; Mixter Faithful 101637, by Langwater Demonstrator 16451; Mixter Fairmaid 87594, by Langwater Demonstrator 16451, and Yeoman's Mixter Charm 73194, by Yeoman's King of the May 17053. These animals were the result of twenty years of careful line breeding and were the best group ever sold from Hardwick.

After visiting Emmadine Farm several times a year since Jimmy Dodge took over the active management, I have been continually impressed with the results of his line breeding. Nearly every bull he has used in a large way carried the blood I particularly admired. Mr. Dodge, with his boundless energy and breeding common sense, knows what he wants and is moving in a straight line to attain his object. The Emmadine cows today, and I have just returned from the Junction, are exceptionally heavy producers. They are large, of pleasing lines and Jimmy and Mr. Penny are breeding great cattle with the internal punch to carry on in the years to come.

Not for a moment do I wish to convey the impression that other strains or other blood lines are not as good as the one I selected. Frankly, I liked the combination of Imp. Hayes Rosie 15476 and Imp. Itchen Daisy 3d 15630 and have bred along this line for twenty years. I am now taking a deep breath and starting out for another twenty, still along the same lines.

The Caumsett Foundation

At Caumsett Farm many of our good foundation cows came from Wilbur Marsh. We were fortunate in having Marsh Marigold of the Prairie 89445, one of the best cows Mr. Marsh ever bred, twice first at the National, as was her dam.

Royal's Pearl of Pomeroy 89612, from Harry Stout, is probably the best of our breeding cows. A great show individual, and a large producer, she has several daughters that are better than good. Her maternal granddaughters—and we have six to date, including Caumsett Incesta 272822 with 14225.2 pounds

of milk and 708.0 pounds of butter fat in class G—are carrying on both in production and type. A great cow from a great family.

Bill Hoard, of "Dairyman" fame, is using Caumsett Royal 156761, a good son of "Pearl" by Langwater Northerner 113149. "Pearl" was by Langwater Royal 14253, that was by a son of Imp. Itchen Daisy 3d 15630 and out of a granddaughter of Imp. Hayes Rosie 15476, and traces far back to early Mixter breeding. This family, first bred by Louis Merryman's father, sold by M. T. Phillips, developed by Warren Whittier, and owned by D. G. Tenney and Harry Stout, has made Guernsey history in the last decade and the tribe is increasing yearly.

Several more of our good foundation cows came from Gordon Hall of Cranford, New Jersey. These were of imported strains, and supplied the needed new blood to cross on our line bred bulls. Gordon brings over cows not only really attractive to look at, but they are exceptionally good producers. Mr. Hendee's splendid "Butterfat" cows are good examples of the blood Gordon Hall brings over from the Island.

Breeding Policy

I HAVE carefully watched the effects of inbreeding, line breeding and total outcrosses for many years and I really think any breeder should first make up his mind what he wants to accomplish and then go at it in a sensible way. Few men ever agree in discussing breeding. Inbreeding necessitates great care and very rigid culling of the inferior. Little is added and little is subtracted by inbreeding, but the inherited characteristics are exaggerated.

Personally, I prefer to have every stock bull carry some of the blood I am particularly interested in, together with an outcross of proved characteristics. Every herd needs a certain portion of cold blood occasionally, but I do not like a too violent outcross. I much prefer the safer method of line breeding.

The selection of a good stock bull is essential in constructive breeding. Personally, I prefer an alert, strong masculine bull with vigor and openness to an exceptionally fine, smooth, compact sire. Males generally breed into a herd the general character and physical outline as well as the ability to produce milk. Generally, regularity, long functional life and sustained reproduction come from the female line.

It is a bit different in selecting females than in choosing a sire for a herd. I would select good healthy females on individuality and production, with less thought of paper pedigree than in the purchasing of a stock bull.

Butcher the Best Customer

I HAVE always thought that the butcher should be the best customer in any herd of dairy cattle. With present cattle values so low, one thing is really being accomplished that all laws or regulations can never really succeed in doing and that is killing low producers. My experience has been that the poorest in the herd should be butchered. The very high valued animals should be sold when a good opportunity offers—the time to shoot bear is when you see a bear. The middle level of the herd is the most valuable to keep. They produce economically and breed the type which sell in normal times at a good figure.

Two Great Foundation Cows

FOR many years the marked improvement in type and increased production of milk in many herds of the land can be directly traced to animals carrying a combination of the blood of the two great matrons, Imp. Itchen Daisy 3d 15630 and Imp. Hayes Rosie 15476. This blood combination in breeding has more than made good. I have bred and sold over $575,000 worth of Guernsey cattle all carrying this particular strain of blood. In fact, over one-half million dollars worth of these Guernseys were all descendants of one individual cow. Sorry to relate, however, that practically all of these animals were owned by others and not myself.

At Caumsett we are using this combination of blood lines as a foundation of our breeding operations. All of our herd sires have one or more crosses of this blood combined with a proved outcross which inherit and transmit desirable dairy characteristics.

Mixter Thor 106594 carries the blood of Yeoman's King of the May 17053, Langwater College King 25837 and Langwater Demonstrator 16451. Langwater Northerner 113149, another of our stock bulls, is by a grandson of Imp. Itchen Daisy 3d 15630 combined with a splendid outcross of imported blood. Langwater Jethro 114977, our third senior sire, traces many times to Imp. Itchen Daisy 3d 15630 and in a direct line on the maternal side to Imp. Hayes Rosie 15476. The progeny of these bulls born at Caumsett exceed our expectations.

The blood of Imp. Hayes Rosie 15476 and Imp. Itchen Daisy 3d 15630 combined to produce Mixter Faithful 101637, and again combined to produce Mixter May Princess 124204, the best two cows ever bred at Mixter Farm and will, I believe, compare favorably with any living today.

Some time ago I leased Foremost's Nobly Born 182562 from Emmadine Farm. He is a son of Langwater Valor 79775 and out of Mixter Faithful 101637. We have twenty daughters of this bull to date. They show promise of being producers but are yet too young to be in milk.

The last bull purchased at Caumsett is a yearling but he is what I have wanted for years—by a good son of Mixter Faithful 101637 and out of a splendid daughter of Mixter May Princess 124204. This calf, Valor's Masterpiece 202051, bred at Emmadine, of Mixter and Langwater blood lines, is a good individual, very level on top, with a great spring of rib. He may be worthless or a real one—here's hoping!

Oklahoma Field Day

(*Continued from page 399*)

Oklahoma increased 853 per cent, and in Texas the increase was 749 per cent. The actual registrations of Guernseys from Oklahoma in the office of The American Guernsey Cattle Club during this period increased over 1,100 per cent.

Professor Earl Weaver, head of the Dairy Department, Oklahoma A. and M. College, gave a very valuable and much needed discussion on feeding, which added to the usefulness of the day. Following this, Mr. Gaylord had arranged a sketching contest which was quite a new event in the southwest and much worth while. This contest was won by Mrs. L. B. Trigg, Wichita Falls, Texas. Stanley Crosby of Ardmore was second, while third place was tied between thirteen year old Betsy Shartel and Mrs. Mayfield of Oklahoma City.

Undoubtedly the most valuable part of the program was the opportunity furnished to study not only the herd but also the methods of management. Each of the more than forty Advanced Register cows listed on the program had records in excess of 500 pounds of butter fat. Five either have or are now making records of over 800 pounds of butter fat. Twenty cows are now on official Advanced Register test.

Gaylord Guernsey Farm

THE herd was started in January, 1930, with the purchase of four

or five heifers. About fifteen head were purchased in the 1930 National Sale and the other sales during that week. An additional five were secured that same spring from the Coventry-Florham Sale and the Westmoreland Davis Dispersal. Shortly before the Eisele herd was dispersed, Mr. Hayton, who had formerly managed that herd, secured his selection of about a dozen head. Some forty head, including about twenty cows and twenty heifers, were purchased from the herd of Peter Cologna and Sons, Marshfield, Missouri. These cows include a substantial number of those that are now making the highest records on the farm.

There are at present sixty cows, all told, in milk. These sixty cows are producing from 50,000 to 53,000 pounds of milk a month. The sixty head in January averaged 885 pounds per cow, which is a splendid record for a herd of this size.

The product is sold under the National Golden Guernsey Label on a retail route in Oklahoma City and through the leading hotels and restaurants in the city, including the Skirven Hotel, the Wells Roberts Hotel, Bishops Waffle House, the Oklahoma Club, the Y. W. C. A. Cafeteria, Anna Maud's Cafeteria, and the Delore's Sandwich Shop. The present retail price is fifteen cents a quart.

In November, 1930, with the assistance of W. W. Fitzpatrick and William A. Gould, a proved son of Langwater Foremost 39191 was secured to head the herd from Mrs. Carlton Courter of Virginia. This bull, Bessie's Little Foremost 113044, at that time had twenty-four daughters in grade herds in Virginia cow testing associations, every one of which had produced over 400 pounds of butter fat in the year. Mr. Gaylord now has thirty-seven calves from this bull. Forty head are now in calf to him and he is still in active service at ten years of age. Twenty-five of his heifers were listed in the field day program.

In the 1930 National Sale Mr. Gaylord also secured the cow, Betsy's Buttercup 164271, now the eighth cow in class BB with 13777.0 pounds of milk and 810.1 pounds of butter fat. She was then carrying a calf to her grandsire, St. Austell Dividend 52300. The resulting calf, Gaylord Dividend 185585, until his recent death, was used as a junior sire. Twenty very promising calves of which unfortunately a large proportion were bulls, have been sired by him, and a few cows are still in calf to him. One or two of the more promising sons of Bessie's Little Foremost 113044 are also being used lightly.

The herd as it appeared at this field day, scarcely three years old, presented to the breeders considerably better than average development for so short a period. It was a splendid demonstration of what can be accomplished by sound but not undue investment when accompanied by sound judgment and good management.

Leads In Blair County D. H. I. A.

BESSIE'S BEAUTY OF MONT VIEW 299492, owned by Alva Long Portage, Pennsylvania, has led the heifer class of the Blair County Dairy Herd Improvement Association since freshening in December. This heifer has in 171 days produced 5943 pounds of milk and 326.5 pounds of butter fat and is still going strong.

ALBERT W. KENDALL, Tester.

New Manager at Sunnymede

ED SHELLEY, who has been herdsman at Sunnymede Farms, Bismarck, Missouri, for nearly three years, has been made superintendent of the farms. Under Mr. Shelley's careful guidance a number of state records in herd improvement work have been established. He is producing great results with the daughters of Langwater Juvis 100894, one of the good sons of Langwater Warrior 26509.

E. B. Pratt, former manager, has accepted a position with a state herd at Fulton, Missouri.

Waukesha County Dairy Show

(*Continued from page 395*)

Company; 2, Tillybardin Duke's Queen 355905, Charles J. Mitchell; 3, Sterling Fern 338296, George McKerrow and Sons Company; 4, Bonelcho's Maid of Denmark 343281, F. E. Fox; 5, Guernsey Grove Jessie 328181, William H. Basse; 6, Joel's Alice of Amor 312564, J. R. Love and Son; 7, Corium Pride's Lola 324225, Charles J. Mitchell.

HEIFER, 18 MONTHS AND UNDER 2 YEARS

1, Guernsey Grove Merle 342035, William H. Basse; 2, Wern's Deloris 346457, Wern Farms; 3, Bell Buoy's Lottie 344257, George McKerrow and Sons Company; 4, Betty of Amor 340530, J. R. Love and Son; 5, Tillybardin Duke's Choice 349908, Charles J. Mitchell.

HEIFER, 1 YEAR AND UNDER 18 MONTHS

1, Ellen's Fannie of Hillspring 355428, J. Meider and Sons; 2, Princess of Hillspring 354563, Ewald G. Meider; 3, Bell Buoy's Gold Bud 353247, Isabel McKerrow; 4, Fox's Juanita of Waukesha 359768, F. E. Fox; 5, Tillybardin Peggy 354033, Charles J. Mitchell; 6, Burlingham's Dark Fawn 351959, Lee Burlingham.

HEIFER CALF, 6 MONTHS AND UNDER 12

1, Cynthia of Amor 371905, J. R. Love and Son; 2, Tillybardin Duke's Pansy 365897, Charles J. Mitchell; 3, Guernsey Grove Pearl 369316, William H. Basse; 4, Wern's Countess 365771, Wern Farms; 5, Burlingham's Mary Anna 366656, Lee Burlingham; 6, Arcadian Ione 379562, M. E. Claffey.

HEIFER CALF, UNDER 6 MONTHS

1, Hillspring's Ethelinda 378180, J. Meider and Sons; 2, Tillybardin Duke's Honeymoon 376609, Charles J. Mitchell; 3, Hillspring's Mildred Ulrica 378181, Ewald G. Meider; 4, Fox's Dale Bitter Sweet 376904, F. E. Fox; 5, Princess May Louise 376235, George McKerrow and Sons Company; 6, Entry, William H. Basse.

SENIOR AND GRAND CHAMPION BULL

Boulder Bridge Traveler 187213, J. R. Love and Son.

JUNIOR CHAMPION BULL

Prince Bell Buoy 201367, George McKerrow and Sons Company.

SENIOR AND GRAND CHAMPION FEMALE

Willalvin's Staraletta 228024, William H. Basse.

JUNIOR CHAMPION FEMALE

Ellen's Fannie of Hillspring 355428, J. Meider and Sons.

DAIRY HERD

1, William H. Basse; 2, George McKerrow and Sons Company; 3, F. E. Fox; 4, Lee Burlingham; 5, Charles J. Mitchell; 6, J. R. Love and Son.

AGED HERD

1, William H. Basse; 2, Charles J. Mitchell; 3, J. R. Love and Son; 4, F. E. Fox; 5, Lee Burlingham.

BREEDER'S YOUNG HERD

1, Charles J. Mitchell; 2, George McKerrow and Sons Company; 3, F. E. Fox; 4, William H. Basse; 5, Wern Farms.

BREEDER'S CALF HERD

1, George McKerrow and Sons Company; 2, J. R. Love and Son; 3, F. E. Fox; 4, William H. Basse.

GET OF SIRE

1, George McKerrow and Sons Company; 2, William H. Basse; 3, J. Meider and Sons; 4, J. R. Love and Son; 5, Charles J. Mitchell; 6, Wern Farms.

PRODUCE OF DAM

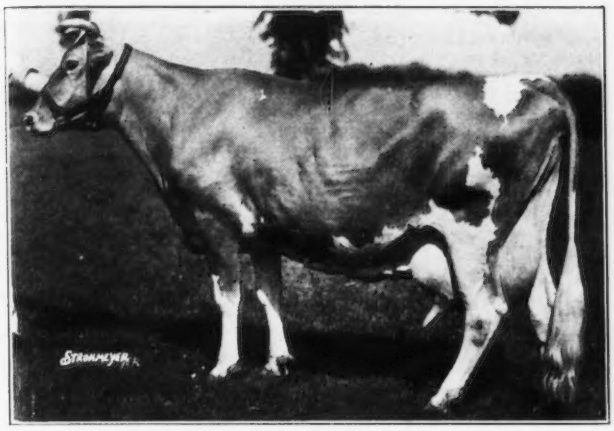
1, J. R. Love and Son; 2, William H. Basse; 3, Charles J. Mitchell; 4, Ewald G. Meider; 5, George McKerrow and Sons Company.

-·.- A Sonnet -.·-

Of Europa and her trans-Hellespontian bull,
  Most men have heard.—The ancient story too,
  How for Jove's lawless love, sweet Io grew
  Into the bovine kind, is told in full
In many books of rhyme.—But now I sing
  A sire of greater fame and mightier stock,
  Whose name, Dolly's Foremost of High Rock,
  All cattle-kind adore, of bulls the king.
A daughter fair, a paragon of kine,
  This great sire had, Palotterie she was named,
  Queen of Argilla Farm, though wider famed;
  Her milk so sweet, and yet as strong as wine,
Exhilarates, and beaten into gold
  produces fragrant butter, such a store,
                As never has before,
  The dairy-farm nor breeder's history seen.—
Three yearly records does this beauty hold,
                With promise manifold,
  To glad her owner's heart, or many more.—
Hail then Argilla, soil of Guernsey's Queen.

GWYNNE B. EVANS

Our herd is largely made up of the blood of Langwater Sentinel 44805 and Dolly's Foremost of High Rock 67287. The animals below are the results of the mating in our herd.

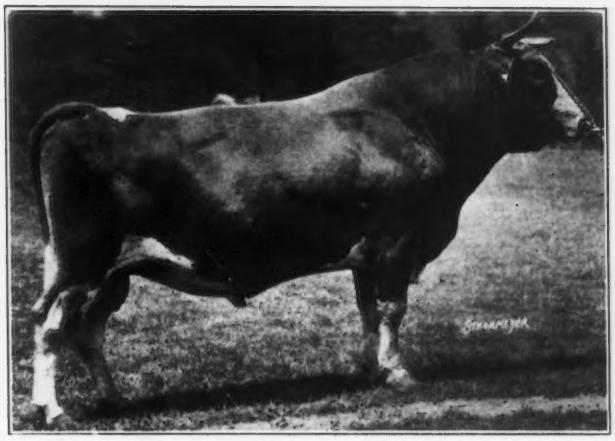


Palotterie of High Rock 187483

Sire: Dolly's Foremost of High Rock 67287

Dam: May Palotterie 81311

"Palotterie" has four A. R. records that average 15888.0 lbs. milk and 812.7 lbs. fat. She has milked up to 73.1 lbs. on this lactation. She milked over 2000 lbs. in May and over 100 lbs. of fat for the last two months.

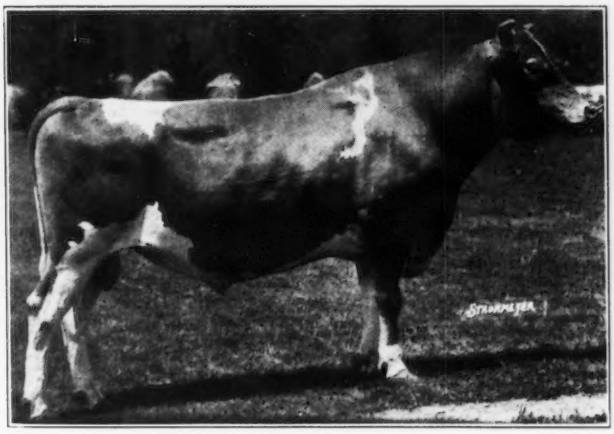


Dolly's Foremost of High Rock 67287

Sire: Branford Foremost 48117

Dam: Dolly of High Rock 2d 75151

"Dolly's Foremost" has 20 A. R. daughters with records that average 12867.4 lbs. milk and 686.73 lbs. fat. Only 4 mature records.



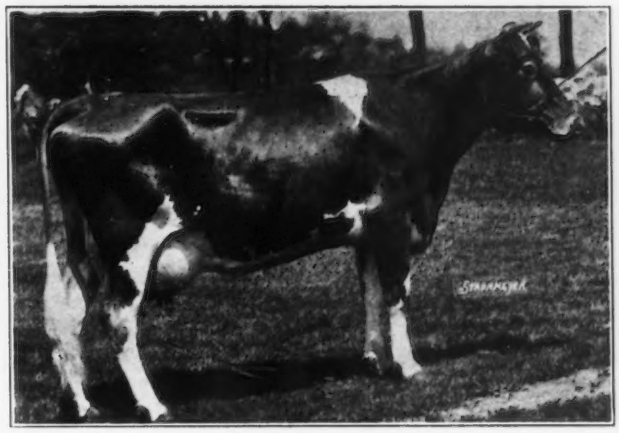
Argilla Terry 170906

One of our herd sires

Sire: Langwater Sentinel 44805

26 A. R. daughters have records that average 11155.4 lbs. milk and 584.78 lbs. fat.

Dam: Palotterie of High Rock 187583



Argilla Formosa 303088

12712.3 lbs. milk, 667.6 lbs. fat, Class G

Sire: Dolly's Foremost of High Rock 67827

Dam: Argilla Nora 181716

12350.7 lbs. milk, 613.4 lbs. fat, Class D

A daughter of "Sentinel"

"Formosa" has milked up to 69.9 lbs. as a three year old.

We have Bull Calves of this breeding for sale.

Accredited Herd **Negative to Blood Test**

Argilla Farm

S. M. Merrill, Owner **R. J. McKenzie, Manager**

Ipswich, Massachusetts

BREEDERS' LIST

Your name may be listed here by states for one year by sending us $5.00. This also entitles you to a year's subscription to the GUERNSEY BREEDERS' JOURNAL. If you already subscribe to the JOURNAL an adjustment will be made.

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Mount Ararat Farms, Dr. Joseph I. France, Port Deposit

Missouri

Fern Hill Farms, L. E. Vaughan, Webb City

Oak Hurst Farms, Parminter & Sons, Lockwood

New Hampshire

Twin Elm Farm, P. C. Thayer, New Ipswich

New Jersey

Hollow Hill Farm, Mr. and Mrs. Paul Moore, Convent

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Western New York G. B. A., Leon F. Gale, Sec., Mayville

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In Effect Until Further Notice

TYPEWRITTEN		DUPLICATOR	
4 gen. Pedigree 1 copy	$ .50	12 copies	$ .85
3 copies	.75	25 copies	1.00
5 gen. Pedigree 1 copy	1.25	12 copies	1.90
3 copies	1.50	25 copies	2.25

Write for samples to

Wisconsin Live Stock Advertising Company

704 Beaver Building Madison, Wisconsin

MORE MILK from DRY COWS!

CRIEVE HALL FARMS are feeding the same Cow Chow milking ration they did two years ago. Yet, cow after cow this year has increased in production beyond all expectations. It's because the *dry cows* are now being conditioned for calving on Bulky-Las and crushed oats, as suggested in Purina's Complete Dairy Feeding Program. *Write for actual records and Complete Dairy Feeding Program.*

PURINA MILLS

897 Checkerboard Square

Saint Louis, Missouri

Pleasant Plains Herd High

THE herd of Guernseys at the Pleasant Plains Farm, owned by Edward E. Kaiser, St. Margarets, Maryland, produced an average of 35.5 pounds of butter fat during March, with an average of thirty-four cows in milk, in the Anne Arundel County Herd Improvement Association. This was the highest herd in the county for twice a day milking. The Pleasant Plains Farm also had the highest cow in the association, Barbara of Rugby 233038, that made 1577.9 pounds of milk and 82.05 pounds of butter fat. She was also one of the ten high cows for all associations in Maryland.

This herd made an average of 34.8 pounds of butter fat for April and was high herd in the county. Pleasant Plains Farm is now the home of six state Guernsey herd test champions. They are using for herd sires, Ivy Hall Climax 174008, out of Imp. Fleurie of the Glen 175151, former world champion in class CCC, and Langwater Pleasant Plains 196127, sired by Langwater Pharaoh 98719, A. R., and out of Langwater Gardenia 74565, A. R.

GOLDEN CROWNS

on your Milk Bottles

Improve Their Appearance

Increase Milk Sales

THE CRAWFORD PRESS

South Weymouth, Mass.

Samples for the asking

Chauffeur - Farm Manager

Desires Position. Thirty years automobile driving and some motor boat experience. Thirteen years general farming on small scale, producing poultry products, retail milk, apples, asparagus and strawberries.

Box 50, Guernsey Breeders' Journal, Peterboro, New Hampshire

THE 100% CLUB

All members of the Guernsey Breeders' Associations listed here subscribe to the JOURNAL.

If you are in the market for Guernseys, write the secretary of any of the clubs, or several of them, and they may be able to help you locate your wants.

California

Central California Guernsey Breeders' Association, C. E. Fisher, Sec., Hughson.

Idaho

Bonner County Guernsey Breeders' Association, F. L. Cochrane, Sec., Kootenai.

Inland Empire Guernsey Cattle Club, Mrs. Emil S. Boller, Sec., Potlatch.

Indiana

Elkhart County Guernsey Breeders' Association, S. O. Bigler, Sec., R. D. 6, Elkhart.

Marshall County Guernsey Breeders' Association, W. R. Matthews, Sec., Box 254, Plymouth.

Randolph County Guernsey Breeders' Club, P. O. Shierling, Sec., Saratoga.

Iowa

Iowa Guernsey Breeders' Association, Philip Mahr, Sec., Indianola.

Michigan

Genesee County Guernsey Breeders' Association, A. D. Alldredge, Sec., Flint.

Missouri

Marion County Guernsey Breeders' Cattle Club, William Frankenbach, Sec., Hannibal, R. 1.

Nebraska

Nebraska Guernsey Breeders' Association, L. H. Daft, Sec., 2902 North 59th Street, Lincoln.

New York

Broome County Golden Guernsey Milk Company, John Marcy, Jr., Sec., Security Mutual Bldg., Binghamton.

New York Guernsey Breeders' Co-Operative, Inc., B. J. H. Rikert, Business Manager, 305 Fayette Park Building, Syracuse.

North Carolina

Guilford County Guernsey Breeders' Association, W. C. Fleming, Jr., Sec., Greensboro.

North Carolina Guernsey Breeders' Association, S. O. Rich, Sec., Wake Forest.

Ohio

Van Wert Guernsey Cattle Club, Otto Gehres, Sec., Wren.

Pennsylvania

Cambria County Guernsey Breeders' Association, W. J. Hoover, Sec., Patton

Chester County Guernsey Breeders' Association, H. M. Pate, Chadds Ford Junction.

Franklin County Guernsey Breeders' Association, Frank N. Miller, Sec., Waynesboro.

Washington

Lewis County Guernsey Cattle Club, R. B. Ticknor, Sec., Centralia.

Pierce County Guernsey Cattle Club, C. J. Lawson, Sec., Puyallup.

Yakima Valley Guernsey Breeders' Association, J. L. Addington, Sec., R. 7, Box 343, Yakima.

Skagit County Guernsey Cattle Club, G. O. Bates, Sec., Burlington.

Wisconsin

La Crosse County Guernsey Breeders, Inc., Vilas Young, Sec., West Salem.

"Gardenia" is a full brother to Langwater Gardenia 2d 283995, that has a record in class C of 15172.0 pounds of milk and 820.2 pounds of butter fat.

Pleasant Plains Farm has had an unique record in that of the last eighteen calves born, seventeen of these have been heifers. This covers a period of a little more than six months.

LEROY H. HERSEY

Blueberry Hill Purchases Bull

WALLACE B. OLIVER, manager of Blueberry Hill Farm, Marlboro, New Hampshire, writes that they have just purchased a bull from Meredith Farm, Topsfield, Massachusetts. This bull is sired by Birchfield Laddie 150813, a son of Birchfield Lassie 123202 that has a record in class A of 15996.0 pounds of milk and 853.3 pounds of butter fat as well as two Advanced Register daughters.

The dam of this bull is Meredith Melody 271189, sired by Golden Belle's Royal 84292, an Advanced Register son of Mixter May Royal 65203 and the sire of seven Advanced Register daughters. "Melody" has a record of 11821.7 pounds of milk and 550.8 pounds of butter fat in class G, and has an Advanced Register daughter, Meredith Fancy 337884, that has a record in class G of 12332.6 pounds of milk and 603.2 pounds of butter fat.

Wood Ford Farm Abortion Free

WOOD Ford Farm, Avon, Connecticut, has just received the fourth consecutive renewal of Connecticut Abortion Free Herd Certificate Number one on 180 head.

Peter Dingle at The Maples

PETER DINGLE is the new herdsman at The Maples, owned by Matilda H. Lloyd, Bernardsville, New Jersey, filling the place left vacant by the death of Silas Emmons.

H. A. Strohmeyer, Jr.
Photographer of Animals
215 Fourth Ave. - NEW YORK, N. Y.

Keep Natural Milk out of the Chain Gang!

Illinois proposes legislation making it unlawful to sell ***Natural Milk*** in towns having pasteurizing plants

Pasteurizers of other states gleefully hasten to frame similar laws.

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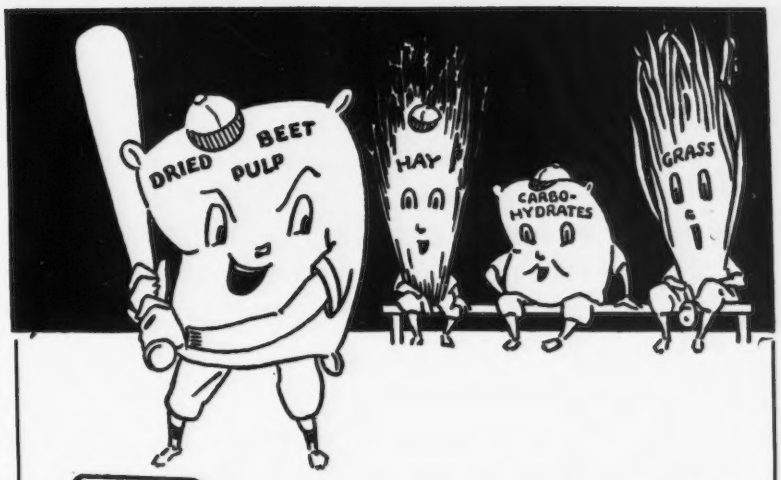
BOX M. C.
Guernsey Breeders' Journal



Bring out the
PINCH HITTER

WHEN a ball team gets into a tight corner, the wise manager sends in the "pinch hitter" to try for the winning hit. So also, when milk production slumps, the wise dairyman sends Dried Beet Pulp to bat.

But Dried Beet Pulp is not only a "pinch hitter." It is an all-around player, good in every position. It fits into the line-up as part of the regular grain ration. It can pitch for corn silage, or catch for hay. It can run the bases when *pasture* is crippled.

DRIED BEET PULP should be constantly in every farmer's barn as a regular or an emergency feed. When anything goes wrong, use DRIED BEET PULP as first aid to digestion. Also good for sheep—beef cattle—dry cows and calves. No summer spoilage. Keeps good indefinitely.

Ask your dealer about it today.

Dried Beet Pulp makes a good litter for chicks.

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Detroit, Michigan

Good Printing has a Value
toasted—nor kind to your throat—but good printing is mighty powerful in building community prestige!
Our product represents thought and quality always. It is not
Transcript Printing Co.
PETERBORO, N. H.

Library
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Open House at Chicona Farm

GUERNSEY breeders and their friends are invited to attend the annual picnic of the Washington State Guernsey Cattle Club, which will be held June 25 and 26 at Chicona Farm, Chinook, Washington. Visitors from outside the state of Washington are cordially urged to join this group at the mouth of the Columbia River.

The herd of over 200 head will be open to inspection at two o'clock on Sunday afternoon, June 25. A bon-fire party at the beach is planned for that night. Among the cattle exhibits will be more than twenty daughters of Langwater Traveler 38325, A. R., as well as his son, Chicona Belmont 104979, A. R.—the only bull of the breed to sire two 800 pound two year olds.

The second day's program will consist of a cattle parade, judging contests and a speaking program. Overnight accommodations at very low prices have been arranged.

A. L. GILE

A Rare Opportunity!

I am offering a very fine lot of seventeen matured females from one of the best herds in the country. The official records of the dams of these animals will average 13421 lbs. of milk and 665 lbs. of fat. All young cows. Fifteen are in calf. These animals are priced at depression prices. A rare opportunity to secure outstanding foundation females. Animals are fully guaranteed for health. Also offering several exceptional bulls ready for service.

In addition I am offering my entire 1933 heifer calf crop, these will make a profitable investment.

For further information write

The Oaks Farm

Walter S. Kerr, *Lessee*

Cohasset Massachusetts

FOR SALE . . .

2 Outstanding proved sires of Sequel breeding.

WANTED . . .

A yearling -- May Rose bull -- from an 800 pound dam.

FOR SALE . . .

Some very well bred cows and heifers at reasonable prices.

WRITE

THE HERRICK-MERRYMAN SALES COMPANY
SPARKS, MARYLAND

GUERNSEY PEDIGREE SPECIALISTS

GUERNSEY CATALOGUES FOR SPRING AUCTIONS

We have been compiling pedigrees and printing catalogues for Guernsey auction sales ever since 1915, and have had all of such work from the South Carolina, Vermont, Michigan and many other State Associations and private individuals. There must be a reason for this which we interpret to be reliable pedigrees at reasonable charges. Before placing your order for catalogues for your Guernsey Auction Sale get in touch with us for samples and prices. Entry blanks furnished free of charge.

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Two color, fully extended on large blanks

One copy—14 ancestors-size 8½ by 11—50c—15 copies 75c
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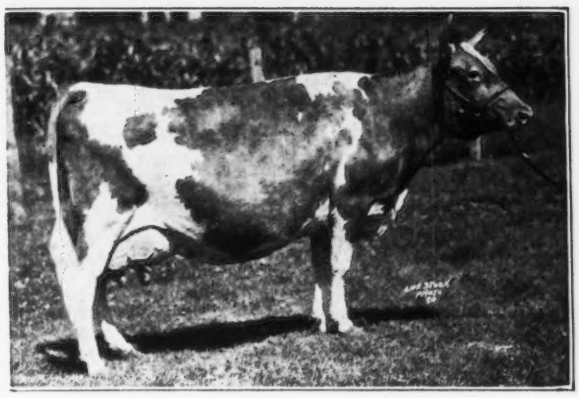
For twice as many copies of the same animal add 25c to the above charge for 15 copies.

30 and 62 ancestor pedigrees may also be furnished at $1.15 and $2.00 on loose leaf blanks which fit covers that are sectional post in arrangement with a lock back. These blanks are heavy defendum ledger stock and are ruled for breeding and production records on the reverse of the pedigree side.

ITHACA SALES & PEDIGREE COMPANY
513 N. Tioga Street Ithaca, New York



Idalia of Edgemoor 85384

16509.6 lbs. milk, 714.9 lbs. fat, Class A
15 years old and due to calve May 15

This remarkable cow has
4 Daughters
23 Grandaughters
20 Great Granddaughters
4 Great Great Granddaughters
1 Son — 1 Grandson — 1 Great Grandson
in service at

THOUSAND SPRINGS FARM

Federal Accredited ***Blood Tested***

MINNIE MILLER, Owner
WENDELL, IDAHO

Dunn's Tour *offers* for sale

THE CRAIG GRAYAL FARM HERD

of registered, accredited, negative Guernseys. Craig Grayal Farm, owned by William R. Nash, is located at Westport, New York. Mr. Nash has been breeding Guernseys for several years. With the exception of two animals the entire herd of 40 head were bred and raised by him and his son, Loyal R. Nash. They have been members of the cow testing association for five years and only the profitable animals retained in the herd. One of their herd bulls is a proved sire.

The herd was blood tested in May and every animal passed clean. Many of the families in the breeding of the herd traces back to the Langwater breeding. The herd is above the average in size, of good conformation and in splendid condition. The majority of the herd is light fawn although some of the cows are fawn and white. Not a defective animal or udder in the herd. Sales list with full particulars mailed on request.

Also offer herd of 30 large grade Guernseys, accredited and negative, from three to six years old, many fresh, others heavy in calf.

Dunn's Tour

Schoharie -:- New York

The Maples

Bernardsville - New Jersey

Guernsey Herd

Herd Sire

Coventry Valentine Sailor Lad
162297

Bull and Heifer Calves For Sale

Mrs. Francis S. Lloyd - Owner
Peter Dingle - - Herdsman

Kenilwood Farm Guernseys

Federal Accredited and Blood Tested

HERD SIRES

Rockingham Ultra Royal 186240

Sire: Rockingham Royal Holliston 112267
Dam: Florham Daphne 56565

Milk 13717.1 lbs. } Class A
Fat 697.9 lbs. }
Milk 15136.3 lbs. } Class A
Fat 776.1 lbs. }

Langwater Ptolemy 205128

Sire: Langwater Pharaoh 98719
Dam: Moonlight's Coronet of Jean Du Luth 128991

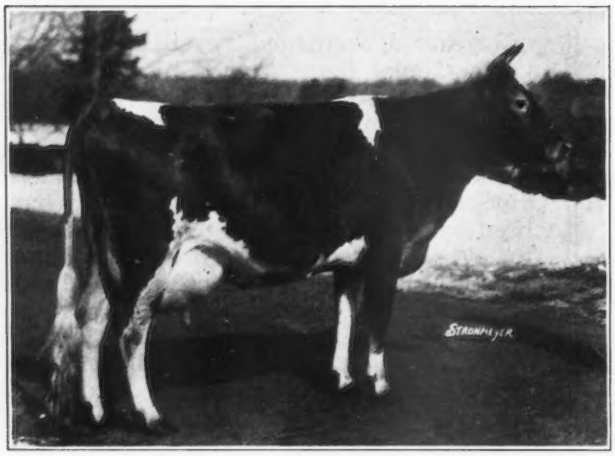
Milk 13997.0 lbs. } Class A
Fat 706.0 lbs. }
Milk 9002.1 lbs. } Class GG
Fat 418.8 lbs. }

Young Stock for Sale
from A. R. cows

George B. Post — *Owner*
Hector Lamont — *Supt.*

BERNARDSVILLE - - NEW JERSEY

We Offer for Sale a Son of the New Class Leader



ROCKINGHAM TWILIGHT 316681, A. R.

ROCKINGHAM TWILIGHT 316681, that has just finished a record in Class D of 16726.5 lbs. milk and 845.2 lbs. fat. "Twilight" also has a record in G of 12825.4 lbs. milk and 664.5 lbs. fat, and is by Langwater Holliston 28055, the only sire of the breed that has 56 A. R. daughters out of 73 registered females. "Twilight" is out of Imp. Starlight of the Fontaines 104102, 11450.0 lbs. milk, 583.2 lbs. fat, F, and the dam of 1 A. R. son and 3 A. R. daughters.

HIS SIRE, **Rockingham Sailor Prince 170277,** is a Junior Herd Sire at Rockingham and has sired some excellent young calves. "Prince" is a son of Langwater Holliston 28055, and is out of Imp. Princess of the Val du Sud 188421, that has three A. R. records including 16370.6 lbs. milk, 760.9 lbs. fat in A, and is the dam of one A. R. daughter.

Rockingham Farm is retaining a full brother of this bull as a Junior Herd Sire, Rockingham Prince Hollistar.

[*Holliston Bred Bulls and Females For Sale at Reasonable Prices*]

ROCKINGHAM AND GREYCOURT FARMS

SALEM, NEW HAMPSHIRE - METHUEN, MASSACHUSETTS

Federal Accredited and Negative to Blood Test

C. E. TISDALE, *Manager*

Address correspondence to D. G. TENNEY, *Owner*, 535 Fifth Avenue, Room 1002, New York City

Coventry Farm Guernseys

FEDERAL ACCREDITED HERD

N. J. ACCREDITED ABORTION FREE HERD NO. 1

Young Bulls *of* Valentine Sequel Breeding

usually for sale at Attractive Prices

R. L. BENSON — OWNER

G. F. STONE — SUPT.

Princeton, New Jersey

IT'S the constructive sales service that we render before and throughout the entire sale that makes our sales successful. The men in this organization have had years of experience selling Guernseys. Book your sale now, receive the benefit of our efficient, energetic, honest sales service. We aim to make every sale better than the previous one. Successful sales conducted anywhere by our fully equipped organization.

THE WETMORE SALES CO.

Guernsey Sale Specialists

Winsted — **Connecticut**

WHITCOMB FARMS, Inc.

LITTLETON, MASSACHUSETTS

ESTABLISHED 1880

OFFER - - -

A few choice heifers at very reasonable prices

HERD SIRES

MAINSTONE VALIANT 190268
Son of Langwater Valiant 51868

LANGWATER NASHOBA 202559
Son of Langwater Pharaoh 98719

Federally Accredited — **Blood Tested**

H. H. WHITCOMB, Owner

EMMADINE BRED FOREMOST GUERNSEYS

SOLD AT AUCTION MAY 13, 1933

AVERAGES

Eleven Bull Calves Average Age Eleven Months $409+

Six Cows In Milk $577+ Sixteen Heifers and Heifer Calves $240+

We Offer Bull Calves Up to Eleven Months of Age

SAMPLES

Herd No. 1117—Dropped: December 29, 1932

Full Brother To

MAYFLOWER'S SUPREME 206527

Purchased By LOCUST GROVE DAIRIES, WESTVILLE, N. J., in The 1933 Foremost Guernsey Sale.

Herd No. 1090—Dropped: Sept. 4, 1932

Sire: May Royal's Majesty 117245 Dam: Foremost's Cornelia 197794, A. R.

Class A, 15554 lbs. milk, 753 lbs. fat.

HIS DAM

HIS GRANDAM

It is a pleasure for us to show Guernsey people our herd. Come and visit us. See the above bulls and their close relatives. Buy your next Herd Sire now as prices are advancing.

EMMADINE FARM

Hopewell Junction, (Dutchess Co.), New York

J. C. PENNEY, Owner **JIMMY DODGE, Manager**

P. S. Thirty-two Cows on A. R. Test in May averaged 988 lbs. milk, 55.2 lbs. fat, average days in milk 224. Seventeen of these two-year-olds.

Following are Some of the Records

made by cows bred, developed and now in the Grassland herd:

	Lbs. Milk	Lbs. Fat	Class	
Grassland Zenoria 185315	8984.2	371.1	GGG	
	14725.2	608.5	CCC	
	15128.6	630.9	AAA	
	22848.0	963.8	A	
Grassland Gloria 208437	9671.0	420.2	GGG	
	17192.6	738.0	D	Twice a day milking
	19549.8	857.0	AA	
Grassland Jemmadine 230773	9631.8	432.2	GGG	
	12454.4	566.2	EEE	
	17868.0	828.3	C	
Grassland Letty 169690	9653.4	423.8	GGG	
	9733.9	424.5	EEE	
	13611.8	605.0	CCC	
Grassland Valent 230771	12283.9	543.5	DDD	
Grassland Evaquel 272069	11401.8	500.8	F	Twice a day milking First calf
Grassland Valois 280218	12193.8	518.8	FFF	First calf
Grassland Valella 280219	10012.3	449.7	FFF	First calf
Grassland Vantine 263671	11241.3	517.9	GGG	
Grassland Geraldine 230768	10032.9	444.0	GGG	
Grassland Valmaid 241742	10268.4	445.2	FFF	First calf
Grassland Benaquel 263673	10130.1	447.9	GGG	
Grassland Beautine 289170	10264.6	446.7	FFF	First calf
Grassland Jenoria 210078	10637.6	517.2	CCC	
Grassland Youline 280221	12471.0	600.0	F	Twice a day milking First calf
Grassland Anaquel 257199	12627.9	583.9	E	Twice a day milking
Grassland Lanaquel 289169	10074.6	457.9	G	Twice a day milking

If this is the sort of production that will improve your herd, why not order a bull calf now? We have had more demand for breeding stock within the past few months than at any time within the past ten years.

Why? *Production Is In Demand.*

ACCREDITED
AND
ABORTION FREE

Communicate with
E. G. WOODWARD
Taconic, Connecticut

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Top Notchers From Greyholme

Two Bull Calves

Age: Early 1933.

Sire: Proved: first six daughters average 10968.8 pounds milk, 603.2 pounds fat (all immature); if you like the index system---Mt. Hope shows 897 pounds fat; La Master production factor 127.9.

Dams: Both with records of over 600 pounds fat; both transmit type and production.

Quality: Will suit the most critical.

Particulars: Write for them today.

Greyholme Farm

East Greenwich - Rhode Island

C. PRESCOTT KNIGHT, Owner **WALTER A. COOK, Manager**

Guernsey Pedigree Service

TYPEWRITTEN PEDIGREES

We supply two-color, typewritten pedigrees with show winnings, Advanced Register data and outstanding sale prices as follows:

Size	*Price Each*
8½ x 17 inches, 14 ancestors	$1.00
11 x 17 inches, 30 ancestors	1.50
13 x 17 inches, 62 ancestors, with list of progeny, for post binders	2.50
4¼ x 7¼ inches, 30 ancestors, with a second leaf giving list of progeny, for pocket herd books (handwritten)	1.50
8½ x 11 inches, 14 ancestors, with list of progeny, for ring binders	1.00
Extra charge, if sketch is desired on any of the above pedigrees	.50

DUPLICATOR PEDIGREES (two-color)

Size	*Price for ten*
8½ x 17 inches, 14 ancestors	$1.50
11 x 17 inches, 30 ancestors	2.50

Note: In compiling duplicator pedigrees it is necessary to prepare a master copy. When ordering duplicator pedigrees, therefore, include the regular price for one pedigree, as given above, plus the charge for ten duplicates. The master copy and the ten duplicates will be furnished.

THE AMERICAN GUERNSEY CATTLE CLUB
Peterboro, New Hampshire

Falcon's Flight Farms

Gratifying Results

have been obtained here by crosses of the Bell-founder and May Rose blood lines.

The Spring Sales are Over!

If your requirements have not been filled, we suggest that you visit this herd and see a limited but select offering of cows and heifers showing these results, or else drop us a line. This is an opportunity which should be grasped now before prices rise again.

FEDERAL ACCREDITED BLOOD TESTED

Litchfield, Connecticut

B. AUSTIN CHENEY & SONS, Owners — ERNEST F. DOANE, Manager

BRECHINWOOD FARM
JAFFREY, N. H.

ACCREDITED NEGATIVE

To avoid inbreeding, offers:

Rockingham Brechinwood Slogan 193291

Born: September 23, 1930

A Double Grandson of Langwater Holliston 28055, 56 A. R. Daughters.

Sire: Holliston's Slogan of Rockingham 114355, 7 A. R. Daughters.

Dam: Rockingham Brilliant 228492, A. R., 13973.3 milk, 697.8 fat, Class A.

Sire's Dam: Imp. Choisie de la Touraine 143213, A. R., 18940.1 milk, 749.7 fat, Class AA.

Dam's Dam: Brilliant Lassie 86452, A. R. 13870.0 milk, 746.3 fat. On Honor Roll. Class Leader in EE. Ten consecutive records.

Three nearest dams average 15596.8 milk, 731.2 fat.

Experts say: "Good enough for any show." "More like "Holliston" than any of his grandsons I have seen."

This bull is gentle, easy to handle.

Price reasonable. Will exchange for cows of Sequel or Langwater breeding.

WRITE

George W. Doud, Superintendent

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Guernsey Breeders' Journal